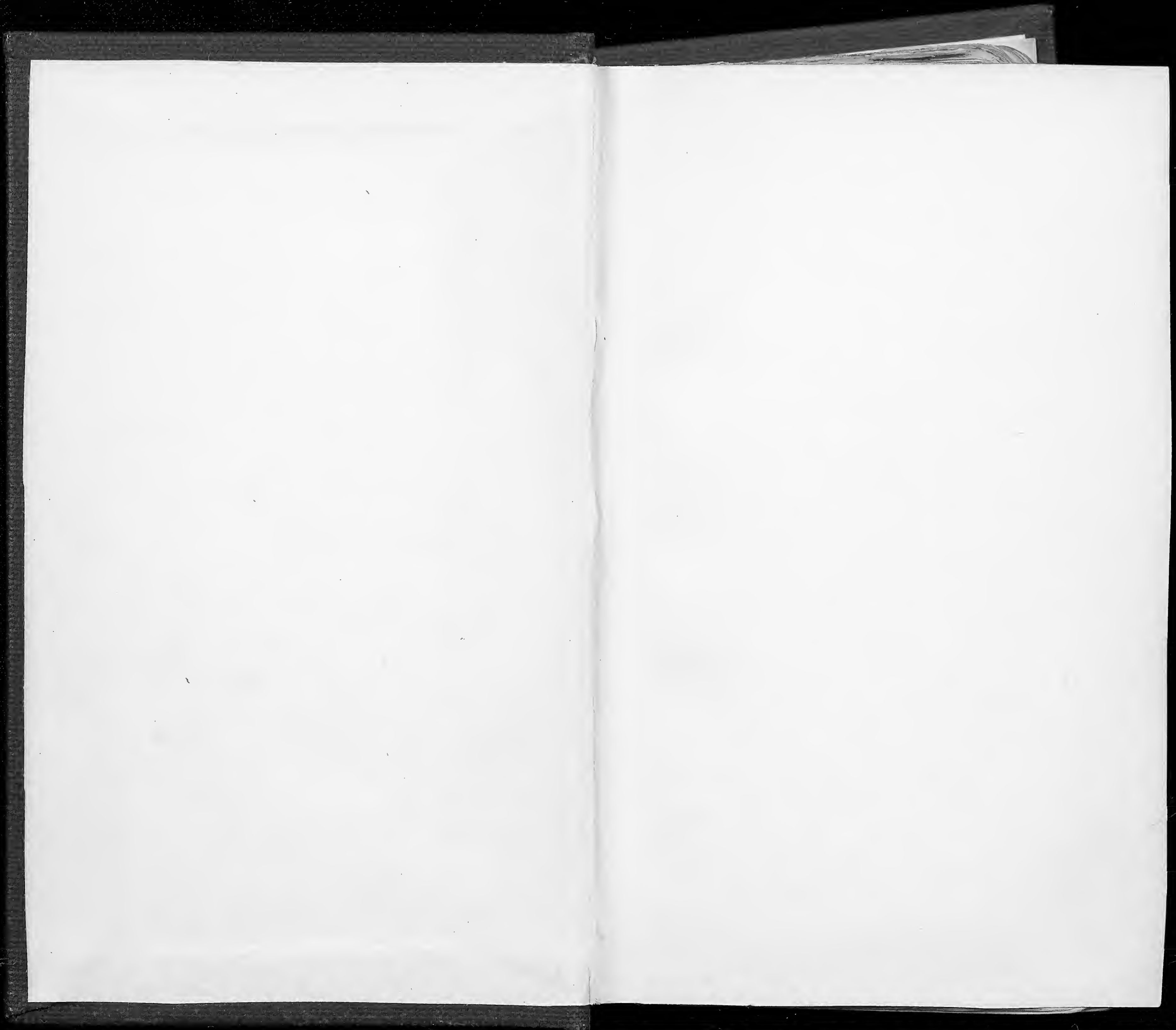


ROCK

10

RY







A. S. Hitchcock

Systematic Agrostology

Dept. of Agriculture

Washington D C

1908

book 1

2500 — 3545



Manhattan Kane

2500

May 25 - Prairie

Panicum <sup>McC</sup> prairie, bunches  
erect, in the grasses  
in standing crop of grass

2501 *Panicum perlongum* Nash

Small bunches, culms reaching  
over light grass  
*Panicum perlongum*

2502 *Panicum scribnerianum* Nash

*Panicum scribnerianum*  
Small bunches, found  
in open  
places in the grass. Culms  
erect or somewhat spreading

2503 May 30 *Glycyrrhiza*

on top of hills.  
Kalm's *Glycyrrhiza*  
Small bunches, erect.

2504 May 30 *Lurbergii* <sup>Veg</sup>

*Panicum scribnerianum* <sup>Scrub</sup>  
Prairie, but tall head, erect.  
erect, large bunches, panicle  
very brown, sapling, gray from the  
villous stipules



2505 May 30

*Panicum wilcoxianum* Vase  
Recently P. p. 2500, but  
seems different, blades more  
broad.

Prairie part of September  
dry field, same locality - 2509

2506 May 30

*Panicum linearifolium* Link  
depaup. ?

I don't recognize it. Same  
locality. Prairie same locality - 2510

2507 May 30

Poa

In prairie, same locality 2508

Forms bluish green patches

Blades fine, erect. Panicle narrow  
upper blade narrow & sharp pointed

Chenille-like ligule above long

grows with Poa p. 2508, which  
it resembles. Lower branches

of panicle opposite & only on the

sides of culms. Root/leaves slender

& delicate. Culms single or 2

at a joint

2508 May 30

*Agrostis Smithii* Rydb

Prairie same locality - 2509

Form blue, in patches. Culms

stiffly erect. Root/leaves deep

green, slender, blades gl.

when fresh but soon reddish

2509 May 30

*Panicum polyanthum* Nash

Prairie same locality - 2510

Large bunches, stems erect.

Small erect branches

erect from base, not

small erect panicles.

2510 May 30

*Agrostis hiemalis*

Prairie, same locality 2508

Small erect bunches, panicle

purple

2511 May 30

*Panicum semibaccatum* Nash

Prairie same locality - 2508

Rachis more branched than

usual.



2512 May 30

*Brizobolus (dactyloctenium)*  
High prairie. Puff 15 ft diam  
in separate patches.

2513 May 30

*Chloris (mexicana)*

High prairie

2514 May 30

*Echinochloa obliuosa*

Along bank of river  
High prairie. erect bunches

2515 May 30

*Festuca oviflora*

High prairie

2516 May 30

*Hordeum*

High prairie. Especially  
abundant in sandy, grazed

pastures.

2517 June 3

Barro 4 mi east Manzanillo

*Koeleria cristata*

2518 June 3 Pan *Libergii* (Vas)

ditto. = 2509

Pan. am.

2519 June 3

ditto. - large bunch (1/2 ft diam)  
Pan. *serotum* Nash

2520 June 3

ditto

*Stipa spartea*

2521 June 3

along ditch, at big swamp  
out of marshy area - erect

*Phalaris arenaria*

2522 June 3

ditto. large bunch 1 ft in diam  
*Panicum hernandezii*

2523 June 3 Pan huac. *silvicola*

Pasture, spring, 5 mi e. Manzanillo

Black foot scrub.

Pan. *commersonii*

2524 June 3

ditto.

Pan. *fraxosus* Nec

2525 June 3

ditto. large clump - shading trees  
(some of the shrubs removed)

Pan. *serotum* Nash



2526 June 2  
Alopecurus Aristida  
springy ground ditto.

2527 June 3  
Impatiens distachya  
sandy, low ground 2 m. w.  
of spring.

2528 June 3 *Parhucurcaea* Ash  
Pam. brushy slopes  
woods, sand hills w. of spring ditto.

2529 June 3  
*Festuca obtusa* Gray  
Rich woods, common ditto.

2530 June 3  
*Proserpinaca*  
Rich wooded hillside in rather  
deep shade. ditto

2531 June 3  
*Elymus robustus*  
Prairie along Ry. 3 mi. e. Grand

2532 June 6  
*Bromus Securus*  
Ward orchard

2533 June 9  
*Sporobolus vaginatus*  
Sandy soil near R.R. spot.

2534 June 9  
*Paspalum stramineum*  
ditto. nearly erect, yellowish  
green, fls. white

2535 June 9  
*Panicum anisum*  
ditto.

---

near Sektant Texas

2536 June 11  
*Arnica*  
gravel, prairie. dump 6 in. d.

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Alamogordo June 12  
2537 *Agrostis Stolonifera*  
along irrigation ditch

2538 *Polygala monspeliensis*  
ditto - annual

2539 *Polygala luteola*  
ditto - perennial

2540 *Gilipia* ?  
ditto low saline, blackish  
Culm. pinnate - strobili



2541 Stipice  
Rocky hill side west of house  
on rocks. All considerable post  
mature.

2542 Aristida  
ditto

2543 Aristida  
ditto

Cloudcroft June 13<sup>th</sup> 1891

2544 Poa (pratensis?)  
hillside near house. Color green  
9 stems stiffly erect & folded.

2545 Poa  
Wooded hillside among fir & spruce  
not roots.

2546 Poa pratensis  
Seems to be the same as 2548  
and collected several hundred ft  
perched down the steep rock wall.

2547 Poa  
Same loc. as 2546, among

Passadena California 16

2548 Polypogon monspeliensis  
along creek side

2549 Poa annua  
ditto

2550 Bromus unioloides  
ditto

2551 Bromus hordeaceus  
ditto

2552 Lamarkia aurea  
ditto

2553 Lolium multiflorum  
ditto

2554 Bromus inermis?  
ditto

2555 Lolium temulentum  
ditto

2556 Bromus mex?  
ditto

2557 Bromus  
ditto

2558 Bromus  
ditto

2559 Avena fatua glabra?  
ditto



10456

Santa Barbara June 17. 2572 Distichlis spicata

2560 Parapholis incurva - dry dune shell, did not try to abstract = 2561

dry salt marsh with Distichlis 2573 Distichlis spicata annual, dead, forming patches. Sand along shore. Dig down to

2561 Distichlis spicata pistillate, ditto.

2562 Distichlis spicata flagrant, ditto.

2563 Monandropsis littoralis, ditto. Stems usually creeping.

2564 Aeluropus barbata

Wild coals, annual, along water.

2565 Aeluropus stolonifera along road bed. monsp.

2566 Elymus canadensis along road side.

2567 Phalaris

detrit along road side.

2568 Bromus rigidus ditto.

2569 Hordeum ditto.

2570 Bromus molliformis ditto.

2571 Bromus ditto.

2574 Elymus canadensis

Large clump, along roadside ditch. Perennial, compound.

2575 Polypogon

2576 Agrostis stolonifera

Springs place very large.

2577 Helianthus multiflorus

annual ground along bank, variable in color & number of spikes & size of plant and dense flowers.

2578 Agrostis Elymus

ditto.

2579 Bromus commutatus

ditto.

2580 Valeriana

on road, ditto.

Agrostis (collin?)

Thick mass of slender stems.

ditto. Muhlenbergia diffusa - road



root stalks along bank of stream  
 2501 *Pharus* *laevipes pseudolaevipes* Wagn.  
 along bank, perennial, can drooping  
 2502 *Elymus cinereus*  
 more shady place, root dry  
 & around wo base of old  
 black, pubescent

2503  
 Dry wooded hill  
 Castrovilla Calif June 18

2504 *Elymus*  
 Along R. track

2505 *Distichlis*  
 Marsh along R. track, forming dense  
 masses - prostrate only

2506 *Distichlis*  
 Dry roadside

2507 *Lolium*  
 Old place cut & thrown up  
 new shoots along R. track

2508 *Pharus*  
 along R. track = 2507

2509 *Elymus*  
 along R. track in gravel

2510 = 2509  
 same shorter

2511 *Lolium* *lanceolatum*  
 along bank near  
 2592 *Lolium* *lanceolatum*

2593 *Festuca*  
 Spring place near ocean

2594 *Hordeum*  
 hillside near delta

2595 *Utricularia stolonifera* L.  
 boggy place delta

2596 *Poa* *boottii* L.  
 Sand dunes near sea

2597 *Triza*  
 boggy place delta

2598 *Festuca*  
 ditto

2599 *Bromus*  
 ditto in field.

2600 *Bromus*  
 ditto in field.

2601 *Lolium*  
 in bog & in bog around  
 also a culm with branched  
 panicle



- 2602 Festuca  
in crevices wet near sea
- 2603 Festuca  
ditto. In crevices 2602?
- 2604 Poa  
moist depression in sand dunes  
dry sea
- 2605 Carex  
along by track
- 2606 Distichlis  
depression in sand dunes  
dry sea.
- 2607 Utricularia  
ditto.
- 2608 Poa?  
ditto in dry sand.
- 2609 Festuca  
Boggy place in Pine woods
- 2610 Euphorbia?  
ditto.
- 2611 Polypogon  
ditto
- 2612 Hordeum  
ditto
- 2613 Agrostis  
dry pine woods

- 2614 Poa  
dry pine woods
- 2615 E. m.  
dry pine woods
- 2616 Phalaris  
boggy place in pine woods  
near shrubby bushes.
- 2617 Ceramophila  
ditto
- 2618 Pharus  
dry pine woods
- 2619 Pharus  
ditto
- 2620 Melica imbricifolia  
ditto
- 2621 St. pa  
ditto
- 2622 Agrostis  
ditto probably in sand & ch.  
small specimens, wet soil.
- 2623 Polypogon?  
along street
- 2624 Pharus  
along street
- 2625 Hordeum  
along street



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

2627 Agave?

Along street

2628 Ficus

Along street - common

It has the same as the species of

the woods but I thought was

different?

Los Gatos June 21

2629 Agave

Fields

2630 Solanum multiflorum

Fields - common

2631 Elymus

Common along road

2632 Bromus <sup>madridentensis</sup>

Fields - common

2632 1/2 Agave plant

Edge of field

2633 Agave plant

Shady places - panicle mostly

central but appears to be

the same as 2632

2634 Koeleria

Along edge of woods

2635 Bromus

Coffee, Pan. drooping

1-2 ft high

2636 Agave

Wooded hillside - normal

2637 Ficus

Shady, panicle drooping

2638 Ficus

Shady, smaller leaves slender

Same specimen as 2637 but

leaves are same as 2637

2639 Ficus

Along roadside in shade in di

hills

2640 Elymus

Along roadside, edge of field

2641 Geranium

field

2642 Koeleria

Along roadside

2643 Agave

Along roadside, same as

2633

Congress Springs June 22

2644 Bromus

Shady, common, short

leaves



2645 *Stepa*

dell

2646 *Phalaris*

dell - tall & dense

2647 *Bromus*

dell in bank, this is a common  
from the river. In grass  
along stream bank

2648 *Polygala*

along stream

2649 *Bromus*

along road side in woods. The  
common large *Bromus* which  
is usually lost. B. canadensis?

2650 *Bromus* *secalinus*

road side

2651 *Festuca*

stream place

2652 *Dischampia* *chrysa*

moist bank

2653 *Bromus*

plants along road, with  
same as 2645, smaller, panicle  
rather diversified

2654 *Bromus*

dry bank, black, noticeable  
in soil, small green, panicle  
+ branching

2655 *Festuca*

dell, purple

2656 *Melica*

shady bank

2657 *Festuca* *myuros*

road side

2658 *Bromus* *hordeaceus*

dell

2659 *Calamagrostis* ? *aperta*

dry bank

2660 *Bromus*

dell, panicle, nodding

2661 *Bromus*

dell, panicle + nodding  
but plants small

2662 *Dischampia* ?

side dell

2663 *Bromus*

*Haben* *lausa*

very common, becoming common  
at low altitude



2665 *Poa* (Horella?)

Road side near summit

2666 *Calamagrostis*

Road near summit - wet slope

2667 *Prunella* (Vaccinium)

Road side dells

2668 *Malva* *imperfida*

Road near summit

2669 *Malva*

Shady stream near summit

Below lower reaches of

pan. stream, at anthesis

In rocky woods

2670 *Elymus*

Clay bank at summit, glaucous

2671 *Alfalfa*

dells

2672 *Festuca*

Along road side dells

2673 *Festuca*

meadow on summit

2674 *Slip*

Wet hillside, open ground

Clarendon, Cal.

San Jacinto 25

2675 *Arabis* *holosericea*

Clay bank near river

2676 *Forchidium* *auriculatum*

dells

2677 *Prunella*

dells, much drooping

2678 *Elaphoglossum* *virgatum*

Road side, flowers black, flat

2679 *Phlox*

Postline

2680 *Forchidium* ?

Summit of ridge, by woods

Wet dells

2681 *Prunella*

dells, par. leaves somewhat

reddish, small, pressed

2682 *Slip*

dells

2683 *Elymus* *glauca*

dells

2684 *Elymus*

dells, 2 culms growing about

a foot apart, seen at the

summit, 15 shrubs in wood

near which the summit



Willits June 25

- 2600 *Pectanodon concavifrons*  
along brook in water.

- 2666 Polypropylene

- 2667 Pan american  
Jelly

- 20 66 Gordon  
1111

- 26 of brown buckram  
della - one extra large album

- 2080 *Asperula*  
della

Sherrinwood (Eucema - ~~He~~) June 25

- 2681 *Sax. camp.*  
along ditch

- John L. L. L.

- 2653 Southern  
Open grassland in woods

- 268x 2-11-11  
also 11-11

- 2635 *Bismuth* Par. clon. pedicel short  
2636 *Allyl chloride* pedicel short, lateral diff.

- 2080 Same as 2079

- 52 Beamer  
dub. Pan. Woodcock

2688 Sam from Uchul.

- 2699 *Asplenium* ?  
*Asplenium* *lanceolatum*

- 1286 Proton

Chas. S. S. S.

leaves broader & pubescent.

any detail.

in groups

branch of Pan

Law

*variegata*

June 26

4

3

2708 Brown

Rocky woods. per 100 drops

- 2703 *Diocorymbus*  
not identified

Det.: R. J. Soreng, 2011

# TYPUS

US NATIONAL HERBARIUM (US)



US NATIONAL HERBARIUM (US)

**TYPUS:**

Det.: R. J. Soreng, 201\_\_



Willits June 25

2680 *Pectanodon* *unusquam*  
along brook in water.

2681 *Polypogon*  
along brook

2682 *Panicum*  
ditch

2683 *Conium*  
ditch

2684 *Proserpinaca*  
ditch on edge large cypress

2685 *Asperula*  
ditch

Sherrwood (Cucum. etc) June 25

2686 *Deschampsia*  
along ditch  
2687 *Zizania*  
ditch

2688 *Lanatum*  
open place in woods

2689 *Zizania*  
along ditch

2690 *Proserpinaca* Pan. close patches  
along ditch patches of ditch

2691 same place Willits

2692 *Beauveria*  
ditch Pan loose red

2693 same place Willits

2694 *Zizania*?  
low ground in timber

2695 *Proserpinaca*

ditch in elm swamp

2701 *Zizania*

very tall. leaves broader than  
ditch. clumped

2702 *Panicum*

in water along ditch

2703 *Zizania*

hummock in swamp

2704 *Proserpinaca*

in swamp, broad of Pan  
ditch

2705 *Panicum*  
Swamp

2706 *Zizania*  
Swamp

June 26

2707 *Phalaris*  
bank along Ry

2708 *Proserpinaca*

Rocky woods Pan close drooping

2709 *Deschampsia*

wet ditch



- 2710 *Panicum*  
in water
- 2711 *Festuca*  
dry bank along river  
upstream. Hill seen through  
in deep, damp place
- 2712 *Hyssopus*  
Rocky bank
- 2713 *Poa*  
Rocky bank in woods, near 2
- 2714 *Poa*  
ditch, former small past.
- 2715 *Nelium*  
Rock, woods, bulbous
- 2716 *Festuca*  
ditch, glaucous
- 2717 *Bromus*  
ditch
- 2718 *Nelium* (Bromoides)  
ditch
- 2719 *Alopecurus*  
in water along bank
- 2720 *Nelium*  
along road, especially in the ditches
- 2721 *Bromus* *radicans* John S.P. Ry.  
along creek in gravel

- 2722 *Agrostis*  
along creek in gravel, around,
- 2723 *Agrostis*  
ditch
- 2724 *Agrostis*  
ditch, small
- 2725 *Poa*  
dry bank
- 2726 *Poa*  
open gravel along by  
John S.P. Ry., and ditch
- 2727 *Scirpus*  
along creek
- 2728 *Nelium*  
open gravel along with  
bulbous
- 
- Shore Spring June 27
- 2729 *Festuca*  
Spring road along Ry
- 2730 *Bromus*  
ditch
- 2731 *Panicum*  
ditch
- 2732 *Panicum*  
along Ry
- Along river, July 27



2733 *Pharus* *lanceolatus*  
ditto

Oregon  
Hood River July 1

2734 *Pharus* *zebrinus*  
ditto

2735 *Pharus*  
ditto

2736 *Pharus*  
ditto

2737 *Pharus* *lanceolatus*  
ditto

2738 *Pharus* *lanceolatus*  
ditto

2739 *Pharus* *lanceolatus*  
ditto

2740 *Pharus* *lanceolatus*  
ditto

2741 *Pharus* *lanceolatus*  
ditto

2742 *Pharus*  
ditto

2743 *Pharus*  
ditto

*Luzula* *humilis* *splendens*  
ditto  
In damp places along river  
ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

2753 *Panicum*  
 della ...  
 lower ...  
 2754 *Dischampia*  
 della ...  
 2755 *Cypripedium*  
 small specimen along edge  
 2756 *Phlox*  
 sandy bank by  
 2757 *Alfalfa*  
 in water / pond, auth  
 silene brown  
 2758 *Calluna*  
 sand along river  
 2759 *Cypripedium*  
 della  
 2760 *Phlox*  
 Bank along Ry  
 2761 *Phlox*  
 dry river of ...  
 sand along Ry, deep  
 = 2762  
 2763 *Silene*  
 Bank along Ry

2764 *Fedra*  
 dry bank  
 2765 *Onoclea*  
 dry woods  
 2766 *Phlox*  
 dry bank, medium sized  
 2767 *Phlox*  
 several clumps  
 2768 *Phlox*  
 dry woods, glaucous  
 2769 *Phlox*  
 dry bank - large clumps  
 large to 2767 + 1/2 inch  
 clump of ... and so  
 clump of ...  
 2770 *Alfalfa*  
 dry bank, large clump  
 2771 *Alfalfa*  
 dry bank, large clump  
 2772 *Phlox*  
 dry bank, conspicuous  
 present  
 2773 *Phlox*  
 along Ry bank



- 2 2773 Dry woods, hillside
- 2 2774 Dry woods, hillside
- 2 2775 Dry woods, hillside
- 2 2776 Dry woods, hillside
- 2 2777 Dry woods, hillside
- 2 2778 Dry woods, hillside
- 2 2779 Dry woods, hillside
- 2 2780 Dry woods, hillside
- 2 2781 Dry woods, hillside
- 2 2782 Dry woods, hillside

- 2773 - Roseburg July 2
- 2774 - Roseburg July 2
- 2775 - Roseburg July 2
- 2776 - Roseburg July 2
- 2777 - Roseburg July 2
- 2778 - Roseburg July 2
- 2779 - Roseburg July 2
- 2780 - Roseburg July 2
- 2781 - Roseburg July 2
- 2782 - Roseburg July 2

- 2788 O. ped. ...  
R. ...
- 2795 B. ...  
... out of dry
- 2796 A. ...  
along dry bank. lifted
- 2797 E. ...  
along dry
- 2798 P. ... *barbipulvinata*  
dry open place along dry
- 2799 ...  
ditch
- 2800 ...  
ditch
- 2801 K. ...  
In wooded hill
- 2802 P. ...  
ditch
- 2803 E. ...  
ditch
- 2804 E. ...  
ditch, small forest

Myrtle Point Coos Co  
July 6  
2805 F. ...  
Wooded hillside

- 06 P. ...  
ditch
- 07 ...  
ditch
- 08 P. ...  
along ditch
- 09 P. ...  
ditch
- 10 A. ...  
ditch. ... in depression  
on ... but ...  
sprouting
- 11 A. ...  
along ditch with some water  
along edge of the water.  
The runners run out into the  
water for 3-5 ft. on the drier  
ground the runners are shorter
- 12 A. ...  
ditch on drier ground near  
2801 ...
- 13 A. ...  
ditch mixed with 2801  
... but ...  
the same thing



Marshfield  
Coos Co

Seems to be the same as 2815 but  
in a different place

2818 *Allochroa* *conspicua*  
Salt marsh

2819 *Allochroa* *conspicua*  
ditto same place

2820 *Allochroa* *conspicua*  
ditto same place

2821 *Allochroa* *conspicua*  
ditto same place

2822 *Allochroa* *conspicua*  
ditto same place

2823 *Allochroa* *conspicua*  
ditto same place

2824 *Allochroa* *conspicua*  
ditto same place

2825 *Allochroa* *conspicua*  
ditto same place

2826 *Allochroa* *conspicua*  
ditto same place

2827 *Allochroa* *conspicua*  
ditto same place

2828 *Allochroa* *conspicua*  
ditto same place

Coos Co

Stage Station on same spot  
out side Coos Bay off shore

22 *Poa* *angustifolia*  
ditto same place

23 *Poa* *angustifolia*  
ditto same place

24 *Poa* *angustifolia*  
ditto same place

25 *Poa* *angustifolia*  
ditto same place

26 *Poa* *angustifolia*  
ditto same place

27 *Poa* *angustifolia*  
ditto same place

28 *Poa* *angustifolia*  
ditto same place

29 *Poa* *angustifolia*  
ditto same place

30 *Poa* *angustifolia*  
ditto same place



2828 Agrostis

dell. cool place, high

a single

2829 Poa

dell. upper part

moist, often a leaf

above the soil

anchored by the roots

2830 Festuca

dell. near a clump of trees

2831 Poa

dry place

2832 Festuca

dell. on an island for a bush

Coco Co

Moist place

2833 Calamagrostis

Large bunch in swale

all water but probably fresh

2834 Festuca rubra

dell. among tall grass

fresh. Very bushy

More slender than the other

part of culm, it is lower

at the base of the

less rooting. Spikes a

2835 Agrostis

very small

very small

very small

very small

very small

very small

very small

Coco Co

Above the water

2836 Panicum

Open woods on hillside

Sheep pen

Common

under the trees

2837 Dichromis

Open ground, common

2838 Polypogon

Moist place, set of ground

2839 Bromus

hillside common

2840 Agrostis?

dell.



2841 Urtica

Rock out

2842 Panicleum

along bank

2843 Saxifraga

along bank

2844 Elymus

along river bank, no

2845 Agrostis

della. in sand

2846 Bromus

in deep woods, spring

2847 Arum

Open place & woods

2848 Saxifraga

della

2849 Saxifraga

della

2850 Bromus

Woods hillside

2851 Saxifraga

near spring

2852 Agrostis

dry bank

2853 Agrostis

della. Panicle small

854 Fuchsia

dry bank near spring

855 Arum

della. of 2843

856 Agrostis

della

857 Agrostis

near spring

858 Fuchsia

859 Saxifraga

dry bank side, woods

860 Fuchsia

in sphagnum along road

861 Poa annua

Spring place near road

862 Elymus

along road

863 Fuchsia

along brook, abundant

864 Panicleum

along brook

865 Panicleum

along brook

866 Panicleum

along brook

2865 - *Trisetum*  
Woods

2866 *Trisetum*  
ditto

2867 *Agrostis* *crispata*  
along creek

2868 *Bromus*  
ditto

2869 *Bromus* *capitatus*  
woods ditto  
open place

2870 *Elymus glaucus*  
Summit & green along  
creek

2871 *E. glaucus*  
ditto, Summit & glaucus

2872 *Elymus*  
ditto, pubescent, all  
green near east station

2873 *Bromus*  
along road & hillside

2874 *Deschampsia fomesii*  
ditto

2875 *Deschampsia elatior*  
ditto

2876 *Poa* *canadensis*  
ditto

2877 *Poa* *horridula*  
open woods

2878 *Trisetum* (*capitatus*)  
ditto

2879 *Poa*  
ditto, pan. erect

2880 *Deschampsia*  
ditto

2881 *Deschampsia*  
ditto, little, long slender  
near 2877 but larger & more  
is it the same?

2882 *Deschampsia fomesii*  
very glaucous ditto

2883 *Poa*  
ditto

2884 *Deschampsia*  
ditto

2885 *Deschampsia unispicata*  
ditto, four leaf, several culms above

2886 *Deschampsia*  
ditto

2887 *Deschampsia*  
Pine woods, probably = 2885  
but culms not as high



2892 Poa  
delle - 20'03? (Tall)

less tufted at base

2893 Stipa s

shady pine woods

2894 Bromus

delle, blue pulchellus

2895 Bromus

open ground - woods,

fl. yellow, plant base

2896 A. pinnatifidus

open pine woods

2897 Elymus glaucus

along by part of

wood. offshoots

2898 E. glaucus

found along by a creek

from hill it grows in at

edges

2899 Hordeum

along by

2900 Bromus

along by

2901 Bromus

along by

2902 Helianthus

delle

2903 Hieracium foliosum

delle

2904 Lycopodium obscurum

along by

2905 Gordonia puberula

along by

2906 Lycopodium

along by

2907 Carex hirsuta

along brook

2908 Agrostis

along brook, more open forest

2909 Bromus

along by bank, open area

2910 Bromus

delle

2911 Agrostis

near spring in dense shade

2912 Poa

near spring in dense shade

2913 Hordeum

near station

2914 Trisetum

woods

2915 Elymus Caput M.

2916 Monarda  
Medicinal herb above tunnel

2917 Eryngium  
dell

2918 Eryngium  
dell

2919 Elymus  
open ground dell

2920 Elymus  
dell

2921 Poa  
On face of m. rock above tunnel

2922 Silene  
In open place on top of above tunnel

2923 Melilotus <sup>that mostly</sup>  
dell, also in open woods  
bulbs. part spread, part in

2924 Monarda  
dell

2925 Trifolium  
in woods dell common

2926 Juncus  
common dell = 2905

2927 Juncus  
2905 in dell

2928 Juncus  
380m P. c. dell

2929 Juncus  
common

2930 Juncus  
dell common

2931 Juncus  
Base rock summit of dell above tunnel

2932 Agropyron elongatum  
dell, bunches, but few  
short root shoots

2933 Poa  
Along rock, slopes of dell  
a large, several bunches  
selected

2934 Melilotus  
Shady place for woods in d  
soft loam, stems solitary or  
few, bulbous.



(at Horns (camp 5000)  
 2933 *Selagin* in wet  
 2934 *Stipa*  
 2935 *Silene*  
 2936 *Silene*  
 2937 *Silene*  
 2938 *Silene*  
 2939 *Silene*  
 2940 *Silene*  
 2941 *Silene*  
 2942 *Silene*  
 2943 *Silene*  
 2944 *Silene*  
 2945 *Silene*  
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 2951 *Silene*  
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 2953 *Silene*  
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 2983 *Silene*  
 2984 *Silene*  
 2985 *Silene*  
 2986 *Silene*  
 2987 *Silene*  
 2988 *Silene*  
 2989 *Silene*  
 2990 *Silene*  
 2991 *Silene*  
 2992 *Silene*  
 2993 *Silene*  
 2994 *Silene*  
 2995 *Silene*  
 2996 *Silene*  
 2997 *Silene*  
 2998 *Silene*  
 2999 *Silene*  
 3000 *Silene*

2933 *Silene*  
 2934 *Stipa*  
 2935 *Silene*  
 2936 *Silene*  
 2937 *Silene*  
 2938 *Silene*  
 2939 *Silene*  
 2940 *Silene*  
 2941 *Silene*  
 2942 *Silene*  
 2943 *Silene*  
 2944 *Silene*  
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 2986 *Silene*  
 2987 *Silene*  
 2988 *Silene*  
 2989 *Silene*  
 2990 *Silene*  
 2991 *Silene*  
 2992 *Silene*  
 2993 *Silene*  
 2994 *Silene*  
 2995 *Silene*  
 2996 *Silene*  
 2997 *Silene*  
 2998 *Silene*  
 2999 *Silene*  
 3000 *Silene*

Klamath Falls July 28

2989 *Deschampsia corymbosa*  
 2990 *Deschampsia corymbosa*  
 2991 *Deschampsia corymbosa*  
 2992 *Deschampsia corymbosa*  
 2993 *Deschampsia corymbosa*  
 2994 *Deschampsia corymbosa*  
 2995 *Deschampsia corymbosa*  
 2996 *Deschampsia corymbosa*  
 2997 *Deschampsia corymbosa*  
 2998 *Deschampsia corymbosa*  
 2999 *Deschampsia corymbosa*  
 3000 *Deschampsia corymbosa*

2855 *Panicum*  
field, much common  
June 28-29

2856 *Poa*  
along road, common  
Sept. 2nd. Leaves

2857 *Sorghum* (canadense?)  
dull

2858 *Elymus* or *Agropyron*  
Along stream bed

2859 *Poa*  
tall plant, leaves, roots  
along stream bed

2860 *Eleusine* flowers  
dull, very small

2861 *Agrostis* *serotina*  
along stream, leafy

2862 *Poa*  
dull, as before in field

2863 *Poa*  
in field, very common, a weed

2864 *Panicum* *laxigalli*  
very common, abundant

2865 *Panicum* (flaves?)  
along stream, leafy

2866 *Poa*  
along road, dry ground

*Panicum*

along bank, common  
*Panicum*  
dull

2867 *Elymus*  
along stream

2868 *Elymus*  
dull

2869 *Elymus*  
along stream, leaves

2870 *Eleusine*  
along stream, leaves

2871 *Agropyron*  
along stream, leaves

2872 *Poa*  
in field, very common

2873 *Poa*  
dull

2874 *Poa*  
dull

2875 *Poa*  
dull

2876 *Poa*  
dull



- 2975 Polypogon monspeliensis  
Alkali full area  
Sweet
- 2976 Atriplex pubescens  
dell
- 2977 Elymus  
Low flat meadow
- 2978 Agropyron tenuum  
dell
- 2979 Atriplex microphylla  
dell
- 2980 Distichlis  
staminate, alkali meadow
- 2981 Sporobolus vaginatus  
dell
- 2982 ~~Agropyron~~ can  
Poa  
Low meadow
- 2983 Poa  
= 2983 but in a place  
common in the grass
- 2984 Atriplex albicaulis  
Low dry place, abundant  
This must be the same  
as the common plant. At  
the ponds are masses

- 2985 Atriplex are spreading at base  
Stems are slender but the  
condition, some are very  
short, some are long  
Atriplex
- 2986 Puccinellia  
Low alkali flat  
Stems forming a spreading  
mat
- 2987 Puccinellia  
dell. Culms erect, one to  
the same as 2985

Lower Klamath Lake

- Modoc River, 29
- 2987 Sporobolus  
alkali flat
- 2988 Poa  
dell, not in cat
- 2989 Agropyron tenuum  
flat meadow - bunch
- 2990 Agropyron arvense?  
dell
- 2991 Agropyron  
dell
- 2992 Agropyron (Elymus?)  
dell



Fort Clatsop 1880s  
 - ground level - good

2923 *Danthonia*

meadows in open woods

2924 *Muhlenbergia (sp.)*

dillo, along river bank

2925 *Sporobolus*

dillo, along river bank

2926 *Diachasma*

dillo

2927 *Stipa*

dillo - very pubescent

2928 *Stipa*

dillo less pubescent

2929 *Panicum paniculatum*

along brook

3000 *Poa*

open woods meadows

Pan. spreading inflores, narrow  
 capsule after root death

3001 *Danthonia*

dillo

3002 *Bromus*

dillo. quite different  
 amount of pubescence on stem  
 but appear to be all one sp.

Fort Clatsop 1880s

dillo - of 292

3003 *Diachasma*

dillo - low ground

3004 *Trisetum*

dillo

3005 *Calamagrostis*

dillo

3006 *Calamagrostis*

in shade woods

3007 *Silene*

gravelly open ground

3008 *Stipa*

dillo. looks like *Stipa*  
 on hill side

3009 *Eriogonum fasciculatum*

open woods, common

3010 *Festuca ovina*

dillo. clumped form

3011 *Bromus*

open woods same  
 common in hill shade

3012 *Bromus*

dillo. mostly small  
 narrow panicle



3014 Melia  
dry bank, lower river, 2500  
3015 Poinciana  
glens, above bank

3016 Col. ...  
glens, above bank

3017 Poinciana  
bank, wooded, above  
above bank

3018 Poinciana  
bank, wooded, above  
above bank

3019 Poinciana  
above bank

Ma. Camp July 30  
6:00

3019 Nicotiana glauca  
open woods

3020 Nicotiana  
ditto

3021 Dactyloctenium  
ditto

3022 Melia  
wet place

3023 Agave americana  
ditto

3024 Melia  
ditto

3025 Agave americana

ditto, rather small  
ditto

3026 Agave americana  
small, open woods

3027 Agave americana  
ditto

Camp Site - higher lake  
July 31

3028 Poinciana

open, open woods, culms  
single or small clumps  
wood lands.

3029 Poinciana  
ditto, culms single or few  
pan, erect & decumbent  
flowers.

3030 Poinciana  
ditto. = 3028? bluish  
round & smooth

3031 Poinciana  
ditto = 3030? not 3030

3032 Agave americana  
sprawling, low, rounded

3033 Agave americana  
ditto



3051 *Penstemon* ...

3052 *Penstemon* ...

3053 *Penstemon* ...

3054 *Penstemon* ...

3055 *Penstemon* ...

3056 *Penstemon* ...

3057 *Penstemon* ...

3058 *Penstemon* ...

3059 *Penstemon* ...

3060 *Penstemon* ...

3061 *Penstemon* ...

3062 *Penstemon* ...

3063 *Penstemon* ...

3051 *Penstemon* ...

3052 *Penstemon* ...

3053 *Penstemon* ...

3054 *Penstemon* ...

3055 *Penstemon* ...

3056 *Penstemon* ...

3057 *Penstemon* ...

3058 *Penstemon* ...

3059 *Penstemon* ...

3060 *Penstemon* ...

3061 *Penstemon* ...

3062 *Penstemon* ...

3063 *Penstemon* ...



Castle Cro - Aug. 3

3063 *Trifolium orcuttiana*

Open meadow  
along creek, among  
introduced trees - common

3064 *Trifolium*

Open meadow

3065 *Trifolium*

Open meadow

3066 *Trifolium*

Open meadow

3067 *Trifolium*

Open meadow

Open meadow

Open meadow

3068 *Trifolium*

Open meadow

3069 *Panicum barbatuligranatum*

Open meadow

Open meadow

3070 *Panicum pacificum*

Woods in more places

Woods in more places

Type

(30)

(30)

3071 *Trifolium*

Open meadow

3072 *Panicum pacificum*

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow

Open meadow



3077 *Panicum pacificum* H. & A.  
on edge of field  
open place

3078 *Muhlenbergia*  
dry creek bed  
Late June - John Taylor  
Aug 5

3079 *Agrostis*  
open field near  
Tavern Club House

3080 *Agrostis*  
ditto

3081 *Trisetum*  
ditto

3082 *Trisetum*  
ditto

3083 *Poa*  
along road

3084 *Agrostis exaristata*  
ditto

3085 *Panicum*  
ditto

3086 *Panicum marginatum*?  
ditto, pan. margin. and  
but culms all bent over

3087 *Panicum hirsutum*  
ditto

3088 *Elymus glaucus*  
ditto

3089 *Deschampsia*  
ditto

3090 *Lolium temulentum*  
ditto

3091 *Panicum*  
ditto, common in open wood  
Pan. erect spreading, base  
clump of leaves, short, wide  
leaf

3092 *Panicum*  
ditto

3093 *Panicum paniculatum*  
ditto. The culms of this are  
soft & flexible compared  
with the others

3094 *Deschampsia*  
moist ground

3095 *Agrostis*  
ditto

3096 *Agrostis schrebiana*  
ditto, growing with *A. nemoralis*  
& *A. falcata*



3097 Cereus  
along the  
3098 Agave  
open ground along the river, dwarf  
form. very very abundant

3099 Agave  
dwarf, ordinary form

3100 Bromelia  
dwarf

3101 Scleria  
D. for woods

3102 Panicum  
along the edge of the woods

3103 Atriplex  
along the edge of the woods

3104 Hordeum  
along the river

3105 Bromelia  
dry woods, cf 3088

3106 Urtica  
widespread along the river, common

3107 Scleria  
dry grassy place

3108 Hordeum  
wet sand

3109 Bromelia

along the river  
3110 Agave  
dwarf, short, but frequent  
in the dry woods

Aug 6

3111 Agave  
along the river

3112 Agave  
dwarf

3113 Agave  
dwarf

3114 Scleria  
open grassy place

3115 Agave  
dwarf

3116 Agave  
open low ground, flowers  
a dense mass, glaucous  
leaves, etc. etc.

Tallae (L. Lohm) Aug 6

3117 Poa  
dry ground in sage brush  
blue green seed or grass

3118 Festuca  
open pine woods

- 3117 *Michx. lutea*  
low open ground
- 3120 *Silene*  
dille
- 3121 *Slip*  
dille
- 3122 *Proserp.*  
dille
- 3123 *Geranium*  
open ground
- 3124 *Slip*  
open ground, low, 5  
subsect.
- 3125 *Slip*  
open low woods near creek  
low, 5
- 3126 *Poa sandwicensis*  
Rocky hill in open ground
- 3127 *Hordeum*  
Along creek 2000 ft  
in shady wet place
- 3128 *Panicum* (brevifolium?)  
dille sft. low, 5 600  
near bushes, extending
- 3129 *Calamagrostis Canad.*  
dille

- 3130 *Carex lutea*  
dille
- 3131 *Carex*  
Rocky woods, 2000 ft
- 3132 *Alfalfa*  
dille
- 3133 *Stachys*  
open place dille
- 3134 *Poa*  
Rocky soil, 2000 ft
- 3135 *Festuca*  
dille
- 3136 *Alfalfa*  
moist soil dille
- 3137 *Festuca*  
dille, a little dry soil
- 3138 *Festuca*  
Rocky soil, in flower
- 3139 *Poa*  
Rocky soil of 3138, low, and  
low, P. in bag, purple 2500.
- 3140 *Alfalfa*  
- 3139, at high altitude  
abundant in depression, the  
wets, always small, with  
narrow panicle, not open at



any more seen like an  
was a small tree before

- 3141 Slope  
Rocky  
3142 Middlebury  
as a shrubby plant - mid  
3143 Middlebury *gracilis*  
rocks  
3144 *Sambucus*  
Depression in rocky soil  
3145 *Poa*  
ditch - very glaucous - mid  
clump - sand, poor soil  
3146 *Salix* - rocks  
Moist depression in rock, mid  
with *Saxifraga* - mid, 7000  
3147 *Trisetum*  
wet sand along brook  
3148 *Trisetum*  
ditch  
3149 *Chamaecyparis*  
= 3148, but growing in deep grass  
3150 *A. (poor)*  
- 3148 but larger  
3151 *Poa*  
Probably = 3137 & be

any more seen like an

- 3152 *A. (poor)* - very distinct  
Among rocks, on hillside 8000  
3153 *Helianthus*  
Lush meadow on top of hill  
8000  
3154 *Poa*  
Alpine rocky alpine meadow  
Sulphur meadow, 8000  
3155 *Festuca*  
Rocks near summit of Mt  
Tabor - 8500 ft  
3156 *Poa*  
Open ground above L. Selkirk  
3157 *Panicum*  
Along Selkirk Creek  
3158 *Saxifraga*  
Depression in wet, sand, dry, 7000  
3159 Slope  
Rocky, mid. near Blue Alpine 6200  
3160 *Saxifraga*  
at foot of tree near Lake Teller 8000  
3161 *Trisetum*  
Open dry woods East shore  
Falls - near Lake, poor soil

3162 *Phlox*  
 dith. Pan. sand. offshoot  
 in flower blue: numerous  
 d. slightly, lobes below a  
 dissepiment from the other species  
 green. erect, with divaricate  
 paniculose

3163 *Helianthus*  
 ditto

### Lake Tahoe

Glenn Creek. Aug 8

3164 *Sitain*

dry woods

3165 *Phlox*

ditto

3166 *Glycyrrhiza*

ditto. small narrow leaf

3167 *E. sp.*

near spring, bare sand

3168 *A. p.*

ditto. note the oblique

spike

3169 *A. p.*

dry hill

3170 *Erigeron*

around spring

3171 *Phlox*

ditto

3172 *Helianthus*

dry, open

3173 *Lythrum*

near ditch

3174 *A. p.*

ditto

3175 *Geranium*

ditto

3176 *Phlox*

ditto

3177 *Phlox*

dry sand - dry, a bush

3178 *Phlox*

ditto. possibly the same

possibly not the same

3179 *Panicum*

along bank

3180 *S. Schimperii*

dry alt. forest

3181 *S. Schimperii*

low on slope

3182 *A. p.*

among sage brush



3103 Dry-champ. along road  
dry ground

3104 *Tridax*  
dry ground

3105 *Festuca*  
dotted

(New)

Aug 9

Canyon north of Spass - about 2000

3106 *Quercus* - small  
low shrubby along creek

3107 *Calceol.*  
dotted

3108 *Carex*  
dotted

3109 *Panicum* - small  
dotted

3110 *Slip.*  
dry sandy hill - prominent

3111 *Slip.*  
Edge of low sandstone sand  
stone. Oct. 3181

3112 *Forsteria*  
Low numbers along road

3113 *Gerardia*  
all but growing in sand  
low. prominent

3114 *Richardsia*  
all from small leaf  
yellow green

3115 *S. v. l. americana*  
dotted

3116 *S. v. l. americana*  
dotted - different

3117 *S. v. l. americana*  
low shrubby. The leaves

3118 *Poa*  
open loose soil - dotted

3119 *Panicum*  
along bank. Low numbers

3120 *Panicum*  
just to sand - dotted

3121 *Panicum*  
yellow. Low numbers - drooping

3122 *S. v. l. americana*  
low - different from 3116

3123 *S. v. l. americana*  
Sandy soil - edge of low

3124 *Poa*  
Low numbers

3125 *Festuca*  
dotted



30

Aug 16

Aug 16

Aug 16

Aug 16

3205

Panicum

along road

3206

Panicum

along road

3207

Panicum

along road

3208

Panicum

along road

3209

Panicum

along road

3210

Panicum

along road

Summit of Sugar Hill, Pk

on rocks

[End of Glenbrook label]

Merced Aug 16

3211

Panicum

along dry ditch from dense

woods

3212

Panicum

along road side

Yosemite Valley Aug 17

3213

Muhlenbergia

On wet Panamint east mouth

Aug 16

3214

Panicum

along open woods foot of

El Capitan, more quiet

open esp.

3215

Muhlenbergia (Sporobolus)

along road side, delta

3216

Agrostis

along ditch delta

3217

Agrostis

delta

3218

Sporobolus

delta with 3215



3210 *pacificum* Hrc  
 In ...  
 3220 *pacificum* Hrc  
 along ...  
 3221 *pacificum* Hrc  
 ...  
 3222 *pacificum* Hrc  
 ...  
 3223 *pacificum* Hrc  
 ...  
 3224 *pacificum* Hrc  
 ...  
 3225 *pacificum* Hrc  
 ...  
 3226 *pacificum* Hrc  
 ...  
 3227 *pacificum* Hrc  
 ...  
 3228 *pacificum* Hrc  
 ...  
 3229 *pacificum* Hrc  
 ...

3230 *pacificum* Hrc  
 ...  
 3231 *pacificum* Hrc  
 ...  
 3232 *pacificum* Hrc  
 ...  
 3233 *pacificum* Hrc  
 ...  
 3234 *pacificum* Hrc  
 ...  
 3235 *pacificum* Hrc  
 ...  
 3236 *pacificum* Hrc  
 ...  
 3237 *pacificum* Hrc  
 ...  
 3238 *pacificum* Hrc  
 ...  
 3239 *pacificum* Hrc  
 ...



3237 *Panicum*

3238 *Panicum*  
open woods

Aug

3239 *Panicum*  
open wood - reffo -  
Valley = 3238

3240 *Trisetum*  
Rocky hills near  
Deschampsia  
open hills near

3242 *A. prostr.*  
Low hills near  
ditch

3243 *Deschampsia*  
ditch

3244 *Panicum*  
ditch

3245 *Stipa*

3246 *Stipa*  
open grassy ground  
above river

3247 *Trisetum*  
open pine woods

3248 *Stipa*  
open grassy ground

Sept 1911  
near Seven Mile Creek

Low meadows Aug 20  
at mouth of the valley, about 8000

3249 *Panicum*  
near Seven Mile Creek  
near meadow in woods  
near Deschampsia, reffo

3250 *Stipa*  
near spring, growing well  
in meadow, probably  
from seed of 3249  
This is what I have collected  
before. A. (3230 &)

3251 *Panicum*  
Rocky, sand near 6th grade  
Seven Mile.

3252 *Calamagrostis*  
Boggy soil

3253 *Phlox*  
Small, soil along edge  
of meadow.



3257 *Pteris* *sp.*  
della

3258 *Pteris* *sp.*  
della

3259 *Pteris* *sp.*  
della

3260 *Pteris* *sp.*  
della

3261 *Pteris* *sp.*  
della

3262 *Pteris* *sp.*  
della

3263 *Pteris* *sp.*  
della

3264 *Pteris* *sp.*  
della

3265 *Pteris* *sp.*  
della

3266 *Agrostis* *tenax*

Stem of plant, also  
leaves, etc. & flowers  
longer, well short  
off culms.

3267 *Agrostis*

growing well 3-4 but  
much wet & dry, coarse  
stems, different, etc.  
leaves 3-4 but fine,  
much, seem too long

3268 *Muhlenbergia*

flowers, many in  
a spike. Some part  
of the spike

3269 *Agrostis*

flowers, many in  
a spike. Some part  
of the spike

3270 *Agrostis*

flowers, many in  
a spike. Some part  
of the spike

3271 *Agrostis*

flowers, many in  
a spike. Some part  
of the spike

3272 *Agrostis*

flowers, many in  
a spike. Some part  
of the spike

3273 *Agrostis*

flowers, many in  
a spike. Some part  
of the spike



3270 *Trisetum subspicatum*  
Common dwarf form a  
open field grass.

3271 *Trisetum subspicatum*  
Open ground a little grass.

3272 *Stipa*  
della

3273 *Poa*  
Open ground near mouth

3274 *Poa*  
della

3275 *Poa*  
della

3276 *Poa*  
abundant in a field  
gravelly floor.

3277 *Poa*  
Open wet woods

3278 *Poa*  
della

3279 *Agrostis*  
with 3276

3280 *Poa*  
Open woods

3281 *Agrostis*  
della

3282 *Agrostis*  
Open ground near mouth

3283 *Muhlenbergia*  
Open ground near mouth

3284 *Agrostis*  
Open woods

3285 *Agrostis*  
Open woods

3286 *Agrostis*  
Open woods

3287 *Festuca*  
della

3288 *Agrostis*  
della

3289 *Agrostis*  
Open woods

3290 *Agrostis*  
Open woods

3291 *Agrostis*  
Open woods

3292 *Agrostis*  
Open woods



3270 Open rock woods

3271 Wet rocks  
Forest within the woods

3272 Brown  
Moist forest, small woods

3273 Mt Lyell & approach

3273 Forest  
Rocks at 12000

3274 Poor  
Rocks at 12000 bad timber

3275 alpine  
timber subarctic

3275 Alpine meadow above 13307

3276 Poor  
ditto

3277 Poor  
ditto

3278 Poor  
ditto

3279 Mushrooms  
ditto

3300 Poor  
ditto

3301 alpine forest  
at 12000

3302 alpine meadow (500)

3303 Brown  
Slope of mountain, about 11000

3304 Slope  
ditto

3305 alpine  
Rocks at 12000

3306 Subarctic  
Rocks at 12000

3307 Upper Lyell Canyon 9500 ft  
timber

3308 Forest place in woods

3309 Poor  
ditto, animal

3310 Mushrooms  
Rocky woods

3310 Sitka  
ditto

3311 Brown  
moist place in woods

3312 *Trichostema*  
Open shrub growth, fl. 12500  
I did not see the prominent form  
the latter occurs in moist, ad.

3313 *Poa*  
Open wet ground 12500

3314 *Poa*  
dill. 10500

3315 *Poa*  
Woods, ad. 10000

3316 *Poa*  
Open woods, dill. 10000  
ad. form 10000

3317 *Trichostema*  
pendulous, Rich woods 8

3318 *Trichostema*  
Glacis dill. growing in  
3317, the dill. form 8

3319 *Poa*  
with 3316

3320 *Poa*  
with 3316 - culms 8  
a becoming 2

*Azopogon*  
Woods. Rich ground 8500  
dill. 8500

*Trichostema*  
Woods, 8500

3322 *Azopogon*  
dill. with 3321 Rich  
dill. 8500

3323 *Trichostema*  
Rich open woods 8500

3324 *Trichostema*  
dill. 8500

3325 *Sitania*  
dill.

3326 *Bromus*  
Rich woods 8500

3327 *Bromus*  
Rich woods 8500

3328 *Poa*  
Rocky soil above timber

3329 *Poa*  
dill. = 3328?

3330 *Bromus*  
dill.

3331 *Azopogon* variable  
dill.



More ... Aug 28 ... not strong in proportion  
to ... but a very small

3332 *Elymus glaucus* ...

Wet woods ... 3332

Low mat ... will

3333 *Panicum* ...

Rich, loamy soil in woods

3334 *Panicum* ...

= 3332 but panicle ...

Slough, panicle ... 3334

Branches ... 3334

A few panicles ... 3334

not ... 3334

The common ... 3334

3335 *Elymus* ...

Open ... 3335

3336 *Elymus* ...

Wet ... 3336

Low slough with 3336

3337 *Panicum* ...

Wet ... 3337

3338 *Agrostis* ...

In ... 3338

Slough ... 3338

with ... 3338

delicate, ... 3338

3337 *Trifolium* 333 to 1. common on hills in  
dry woods

3338 *Trifolium* 333 to 1. common on hills in  
dry woods

3339 *Trifolium* 333 to 1. common on hills in  
dry woods

3340 *Trifolium* 333 to 1. common on hills in  
dry woods

3341 *Trifolium* 333 to 1. common on hills in  
dry woods

3342 *Trifolium* 333 to 1. common on hills in  
dry woods

3343 *Trifolium* 333 to 1. common on hills in  
dry woods

3344 *Trifolium* 333 to 1. common on hills in  
dry woods

3345 *Trifolium* 333 to 1. common on hills in  
dry woods

3346 *Trifolium* 333 to 1. common on hills in  
dry woods

3347 *Trifolium* 333 to 1. common on hills in  
dry woods

3348 *Trifolium* 333 to 1. common on hills in  
dry woods

3349 *Trifolium* 333 to 1. common on hills in  
dry woods

3350 *Trifolium* 333 to 1. common on hills in  
dry woods

3351 *Trifolium* 333 to 1. common on hills in  
dry woods

3352 *Trifolium* 333 to 1. common on hills in  
dry woods

3353 *Trifolium* 333 to 1. common on hills in  
dry woods

3354 *Trifolium* 333 to 1. common on hills in  
dry woods

3355 *Trifolium* 333 to 1. common on hills in  
dry woods

3356 *Trifolium* 333 to 1. common on hills in  
dry woods

3357 *Trifolium* 333 to 1. common on hills in  
dry woods

3358 *Trifolium* 333 to 1. common on hills in  
dry woods

3359 *Trifolium* 333 to 1. common on hills in  
dry woods

3360 *Trifolium* 333 to 1. common on hills in  
dry woods

3361 *Trifolium* 333 to 1. common on hills in  
dry woods

3362 *Trifolium* 333 to 1. common on hills in  
dry woods



3370 *Quercus* *laevis* *Willd.*

3371 *Quercus* *laevis* *Willd.*

3372 *Quercus* *laevis* *Willd.*

3373 *Quercus* *laevis* *Willd.*

3374 *Quercus* *laevis* *Willd.*

3375 *Quercus* *laevis* *Willd.*

3376 *Quercus* *laevis* *Willd.*

3377 *Quercus* *laevis* *Willd.*

3378 *Quercus* *laevis* *Willd.*

3379 *Quercus* *laevis* *Willd.*

Near Richmond, Maryland  
Aug 31

3377 *Quercus* *laevis* *Willd.*  
near stream

3370 *Quercus* *laevis* *Willd.*

3371 *Quercus* *laevis* *Willd.*

3372 *Quercus* *laevis* *Willd.*

Farmwell Gap, Maryland  
Sept 1

3383 *Quercus* *laevis* *Willd.*

3384 *Quercus* *laevis* *Willd.*

3385 *Quercus* *laevis* *Willd.*

3386 *Quercus* *laevis* *Willd.*

3387 *Quercus* *laevis* *Willd.*

3388 *Quercus* *laevis* *Willd.*

3389 *Quercus* *laevis* *Willd.*

ditch - common

- 3351 *Trisetum*  
dlt. 7500
- 3352 *Poa*  
Open rocky soil
- 3353 *Phlox*  
dlt. 7500
- 3354 *Stipa*  
near road, 7500
- 3355 *Stipa*  
dlt. 7500
- 3356 *Stipa*  
dlt. 7500
- 3357 *Panicum*  
along road, 7500
- 3358 *Elymus*  
dlt.
- 3359 *Drosera*  
along road, 7500
- 3360 *A. p. p.*  
dlt.
- 3361 *A. p. p.*  
dlt., dry ground

- 3362 *Trisetum*  
dlt. 7500
- 3363 *Trisetum*  
dlt. 7500
- 3364 *Trisetum*  
dlt. 7500
- 3365 *Trisetum*  
dlt. 7500
- 3366 *Trisetum*  
dlt. 7500
- 3367 *Trisetum*  
dlt. 7500
- 3368 *Trisetum*  
dlt. 7500
- 3369 *Trisetum*  
dlt. 7500
- 3370 *Trisetum*  
dlt. 7500
- 3371 *Trisetum*  
dlt. 7500
- 3372 *Trisetum*  
dlt. 7500
- 3373 *Trisetum*  
dlt. 7500
- 3374 *Trisetum*  
dlt. 7500
- 3375 *Trisetum*  
dlt. 7500
- 3376 *Trisetum*  
dlt. 7500
- 3377 *Trisetum*  
dlt. 7500
- 3378 *Trisetum*  
dlt. 7500
- 3379 *Trisetum*  
dlt. 7500
- 3380 *Trisetum*  
dlt. 7500
- 3381 *Trisetum*  
dlt. 7500
- 3382 *Trisetum*  
dlt. 7500
- 3383 *Trisetum*  
dlt. 7500
- 3384 *Trisetum*  
dlt. 7500
- 3385 *Trisetum*  
dlt. 7500
- 3386 *Trisetum*  
dlt. 7500
- 3387 *Trisetum*  
dlt. 7500
- 3388 *Trisetum*  
dlt. 7500
- 3389 *Trisetum*  
dlt. 7500
- 3390 *Trisetum*  
dlt. 7500
- 3391 *Trisetum*  
dlt. 7500
- 3392 *Trisetum*  
dlt. 7500
- 3393 *Trisetum*  
dlt. 7500
- 3394 *Trisetum*  
dlt. 7500
- 3395 *Trisetum*  
dlt. 7500
- 3396 *Trisetum*  
dlt. 7500
- 3397 *Trisetum*  
dlt. 7500
- 3398 *Trisetum*  
dlt. 7500
- 3399 *Trisetum*  
dlt. 7500
- 3400 *Trisetum*  
dlt. 7500



37. *Sebania*  
Same

38. *Chrysom flavum*  
Moist soil

39. *Sebania*  
Moist soil

3403 *A. grandis*  
Moist soil

3817 *Tr. ...*  
Seed of Coyote P.

3815 *Slips*  
Seed of Coyote P.

3816 *Poa annua*  
Along Kern River, in Cany  
Above Seedling

3817 *A. grandis*  
Same

3818 *A. populifera*  
Along Coyote River  
above Seedling

3819 *A. populifera*  
Open ground  
along Kern River

88. *Publindia*  
ditto

382 *Panicum*  
Sept 3

3822 *2 parts*  
for ...

3823 *A. grandis*  
Moist soil

3824 *Poa annua*  
Open ground

3825 *Poa annua*  
Open ground

3826 *Poa annua*  
Open ground

3827 *Poa annua*  
Open ground

3828 *Poa annua*  
Open ground

3829 *Poa annua*  
Open ground

3828 Kaulen 1000 ft  
della fern  
bushy shrub 2-3 ft

3829 Calceolaria  
Around 1000 ft above  
della near trail 10700

3830 Saxifraga  
Near base of hill  
Abundant at this point  
Trailing  
See 3829 same place 2-3 ft

3831 Trillium  
Low green herb at foot of  
hill north side

3832 Silene  
Trailing 3 ft. Abundant  
apparently

3833 Carex (sp?)  
Low green plant with  
drawn out leaf like the grass  
was cultivated in garden

3834 Saxifraga  
- 3 ft. but growing  
mostly in shaded places  
at the edge of grass. Common  
later in the day



Oct 28 New Mountain Whit  
Sept 5

43. Pore?  
Along bottom, dark  
yellow-green, feet in

45-77 Pore  
Jelly Rocky

47-77 Pore  
Jelly, green, feet in

48-77 Pore  
Jelly, green, feet in

49-77 Pore  
Jelly, green, feet in

50-77 Pore  
Jelly, green, feet in

51-77 Pore  
Jelly, green, feet in

52-77 Pore  
Jelly, green, feet in

53-77 Pore  
Jelly, green, feet in

385 to Fore

Crucifera, fruit red / white  
12500

386

Populus  
round seed 14500

387

F. lobata  
round seed 14500

388

Quercus laevis  
Crucifera 14500

Quercus laevis

Siberian Outpost

389 to 397  
457

Quercus laevis  
round seed  
Some growing in water, some  
large spines on the soil  
at present a cluster of  
palace trees, all growing  
together

457  
Kern River at South



352 Sep

22.7. April

1. Slamm

1944

2387

3875

1870

122

Engel Sept 15

*Le Papillon*

John J. Anderson

Campo de la Cruz

*Lophoceros dubius*  
dette.

1. *Quercus agrifolia* (Live Oak)  
 2. *Quercus laevis* (Water Oak)  
 3. *Quercus prinus* (White Oak)  
 4. *Quercus falcata* (Swamp White Oak)  
 5. *Quercus macrocarpa* (Burr Oak)  
 6. *Quercus rubra* (Red Oak)  
 7. *Quercus alba* (White Oak)  
 8. *Quercus coccinea* (Scarlet Oak)  
 9. *Quercus lyrata* (Magnolia Oak)  
 10. *Quercus prinus* (White Oak)



5728-5734

1388 *Herodias* *capitata*

3960 *Phacelia* *Phacelia*

1. *Parus (blue)* *Pro*

3802 *Phrynosoma mitchelli*

3583 *Agrostis microphylla*  
in the brush

3868 Enchiridion  
dile.

3800 - [illegible] [illegible]

1348

3867 *Agave*  
*lutea*

3855 *Arg. leucophaea*  
dell

385 *Barred* *paleptachy*

38. *Penicillium ochroleucum*

28/12/1941

B-72

John  
Chlorine  
Lester

Alfred

382 *Scaphium pumilum*

8888 *Hirticaulis Pire*  
(the Pire garden)

885 *Panicum fasciculatum*  
*chartagifense* (Lam.) Boeckl.

876 (Chesapeake Bay) - 1890  
hill near Lubbock, Texas

877 *Amphibia* *Amphibia* *Amphibia*  
della

898 Heliconia caribaea  
della

499 *Contalene* *truncata*  
chili

3500 *Phlox wrightii*

3501 *Trachy (Machina)*

5502 Mullerburg Porten



3503 *Leptochloa*

3504 *Leptochloa mucronata pulchella*

3505 *Leptochloa*

3506 *Leptochloa*

3507 *Bouteloua*

3508 *Bouteloua*

3509 *Panicum*

3510 *Aristida*

3511 *Aristida*

3512 *Collinsia*

3513 *Helianthus*

3514 *Chusquea*

3515 *Bouteloua*

3516 *Leptochloa*

3517 *Leptochloa*

3518 *Panicum*

3519 *Bouteloua*

3520 *Leptochloa*

3521 *Leptochloa*

3522 *Leptochloa*

3523 *Bouteloua*

3524 *Leptochloa*

3525 *Chusquea*

3526 *Panicum*

3527 *Panicum*



3527 *Borrichia* angustifolia

3528 *Borrichia*  
dill

3529 *Aristida*  
dill

3530 *Lepidoblen* mucronata  
dill

3531 *Lepidoblen*  
dill along ditch  
at San Marcos

3532 *Gracilipogon*  
along road  
10 miles (Eugene) at San Marcos

3533 *Brachypogon* arid.  
dry soil

3534 *Panicum*  
dry soil

3535 *Helianthus*  
dry soil

3536 *Borrichia* *rostrata*  
dry soil

3537 *Aristida*  
dry soil

3538 *Chloris elegans*  
along ditch

3539 *Borrichia*  
along ditch

3540 *Aristida*  
dry soil

3541 *Panicum hirticaule* Presl  
along ditch annual

3542 *Panicum argyricum* Torr.  
along ditch

3543 *Lepidoblen mucronata*  
dry ditch

7 see next page

1909 Seattle Wash  
These numbers are repeated  
3550 *Bromus* lower panicle branches  
drooping  
vacant lots June 14

3551 *Bromus*  
vacant lots  
same



3552 Bromus hordeaceus  
vacant lots, Seattle  
Wash. June 14

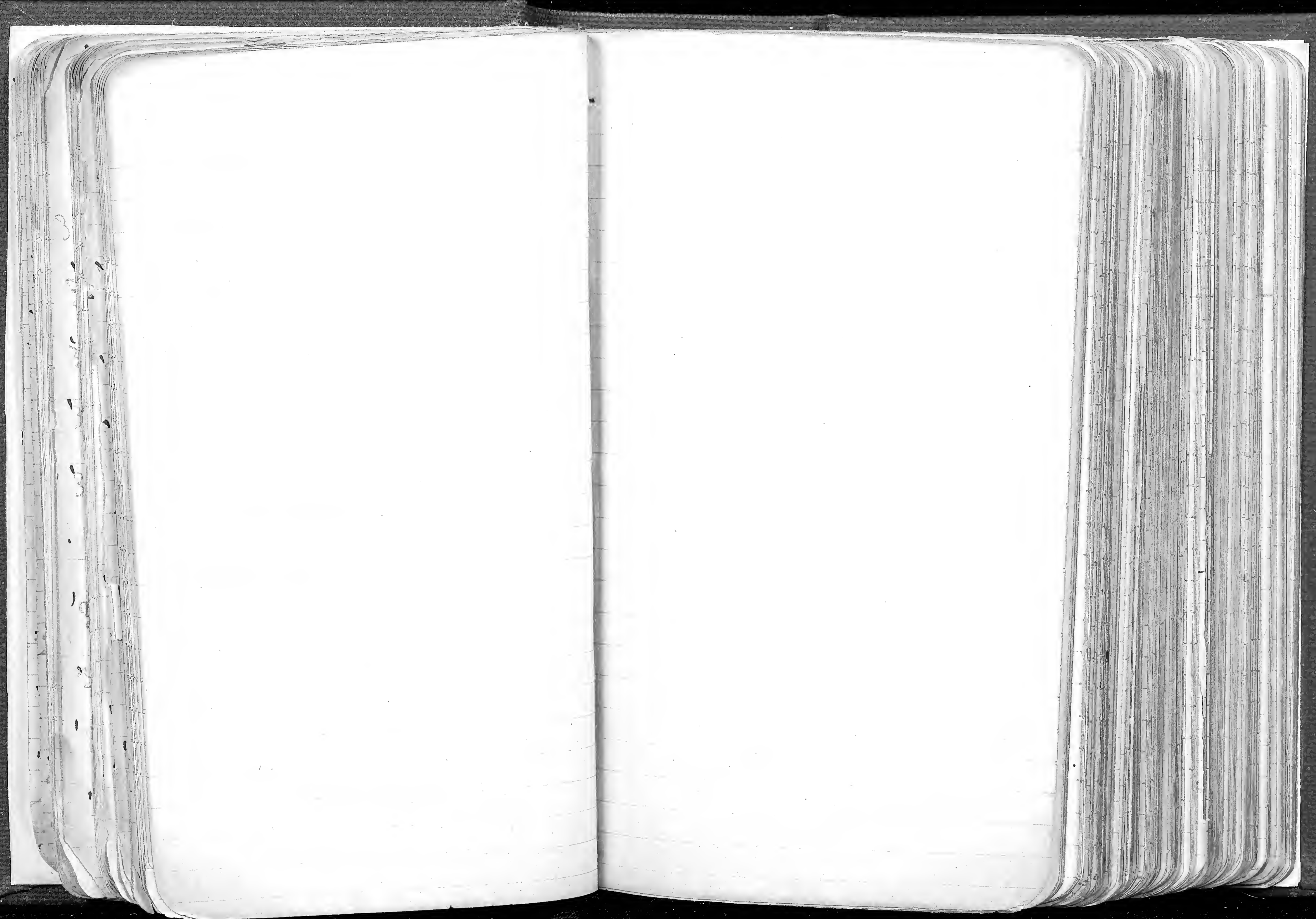
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3544 Panicum proccocius H.  
cited original prairie  
Belleville, Kans  
June 1

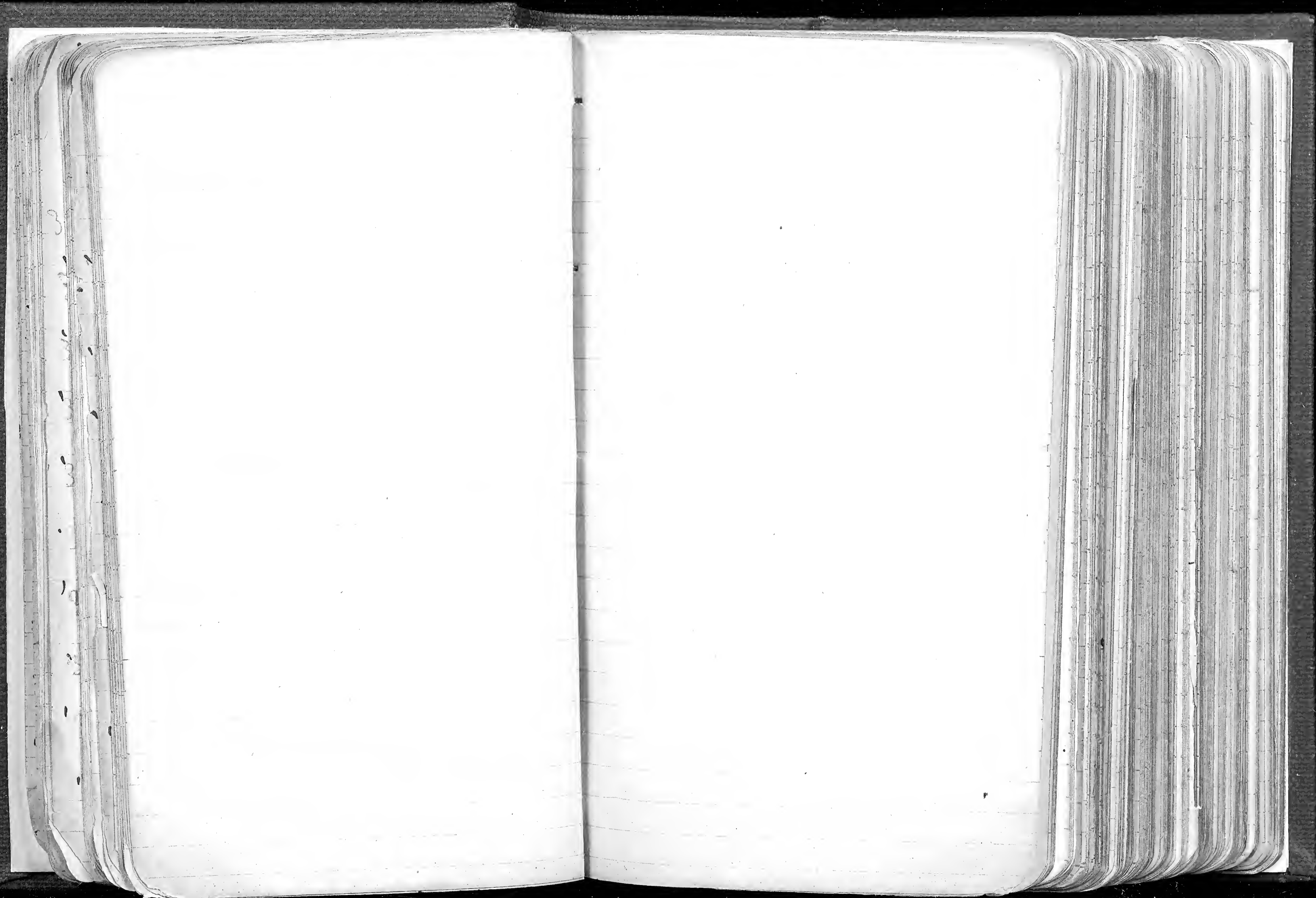
3545 Panicum wilcoxianum  
original prairie  
[30] Belleville Kans  
not at June 1

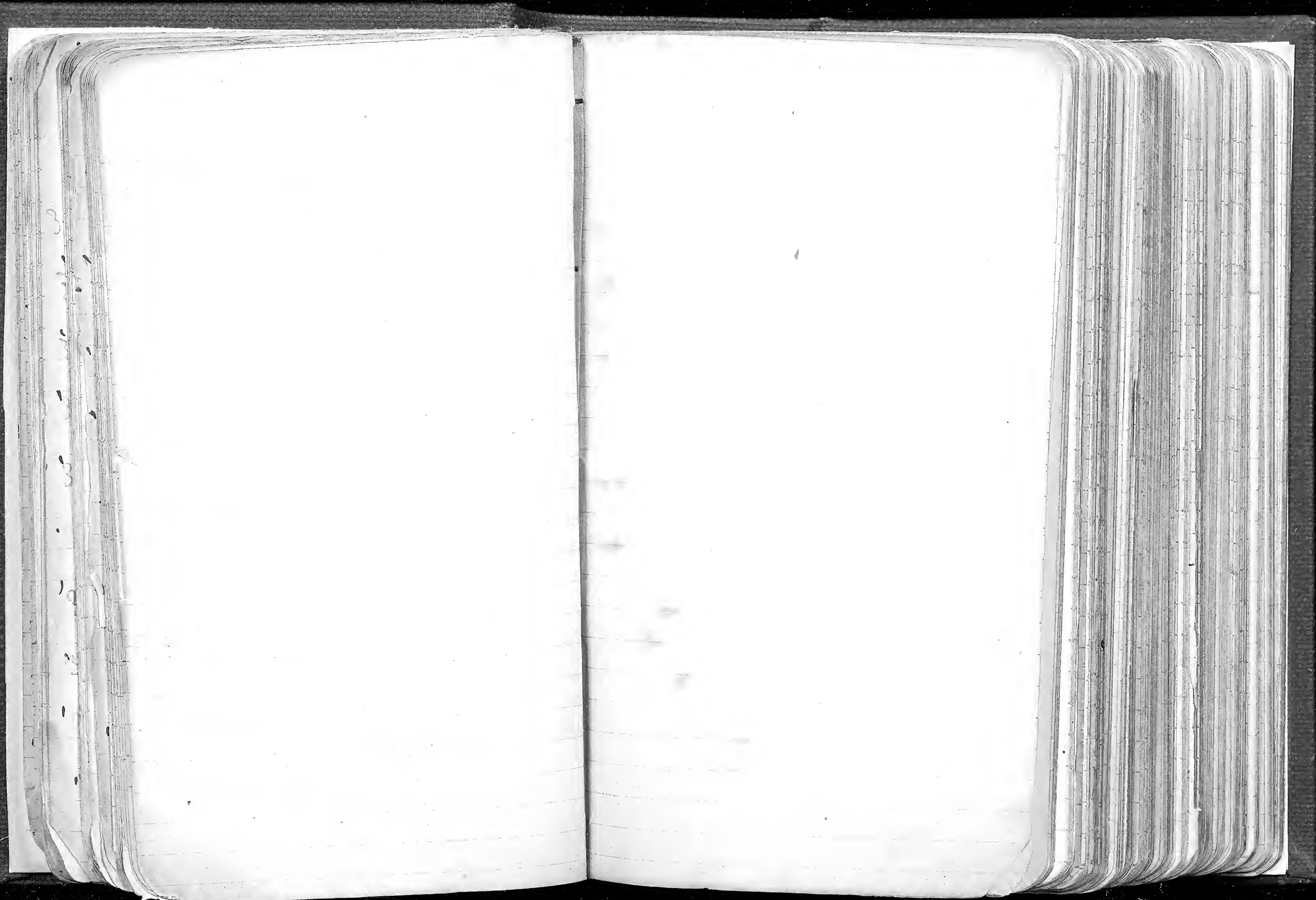
don't use  
- see 3544













1. *Chrysomelidae*  
2. *Curculionidae*  
3. *Chrysomelidae*  
4. *Curculionidae*  
5. *Chrysomelidae*  
6. *Curculionidae*  
7. *Chrysomelidae*  
8. *Curculionidae*  
9. *Chrysomelidae*  
10. *Curculionidae*

3544  $\frac{1}{2}$  - 3866

3964

Sum

Alaska

Miss

Shaw

San Diego

1/2

10

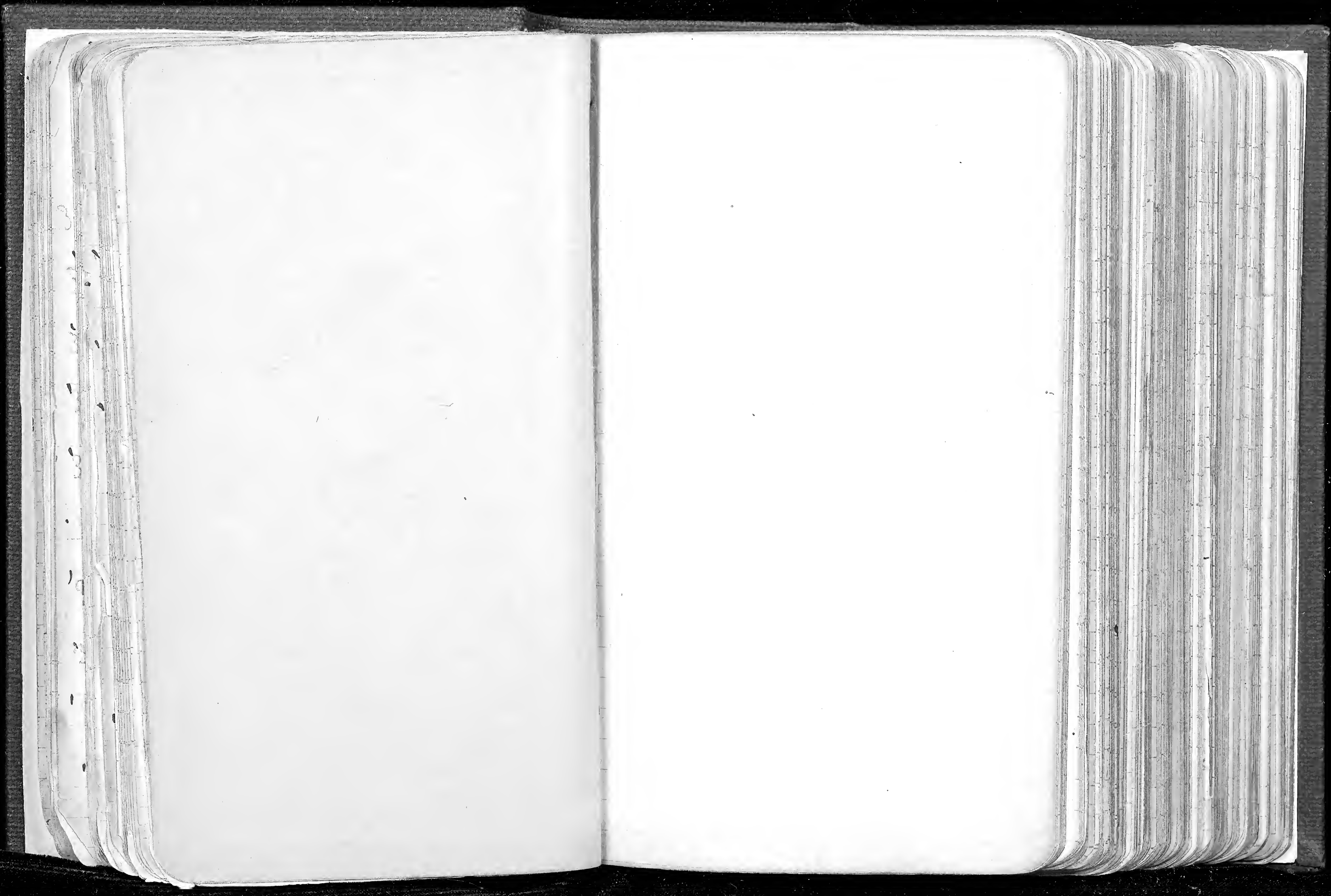
12

5

35

75





355  $\frac{1}{2}$  *Geranium* *hirsutum* Sep. 15  
2 *Geranium* *hirsutum*,  
near river bank.

356 *Geranium* *hirsutum*  
near river bank.

357 *Geranium* *hirsutum*  
near river bank.

358 *Geranium* *hirsutum* Presl

359 *Geranium* *grisebachii* *amplex*  
S. M.

360 *Geranium* *hirsutum*

361 *Geranium* *hirsutum*  
near river bank.

557 *Geranium* *hirsutum*  
near river bank.

558 *Geranium* *hirsutum*  
near river bank.

559 *Geranium* *hirsutum* Presl  
near river bank.

560 *Geranium* *argutus* Kth  
near river bank.

561 *Geranium* *hirsutum*  
near river bank.



...d...

Leftal mucron

540/ 10

Capable Swarth

Capable Swarth



3502 *Scaphium*  
dell.

3503 *Bombus* *velutinus*  
dell.

3504 *Scaphium*  
dell.

3505 *Leptobla* *muscivora*  
dell. *muscivora*

3506 *Chalcid* *muscivora*  
in a hole in a wall  
seen different from the  
one I had seen before  
sent. The body is  
slightly different from the  
one I had seen before.

3507 *Chalcid*  
Cult. soil.

3508 *Pan* *sericeus* *cl.*  
Cult. soil.

3509 *Orsted*  
muscivora near wall

3510 *Chalcid*  
dell.

3511 *Lept.* *muscivora*  
dell. very pale

3512 *Chalcid* *claus*  
dell.

3513 *Scaphium*  
dell.

3514 *Bombus* *amator*  
dell.

3515 *Sphegus* *apiculator*  
dell.

3516 *Amelid* *claus*  
dell.

3517 *Scaphium* *amator*  
dell.

3518 *Scaphium* *amator* *ten*  
dell. *ten*

3519 *Scaphium* *amator*  
dell. *amator*

3520 *Scaphium* *amator*  
dell. *amator*

3521 *Scaphium* *amator*  
dell. *amator*

3522 *Scaphium* *amator*  
dell. *amator*

3523 *Scaphium* *amator*  
dell. *amator*

3524 *Scaphium* *amator*  
dell. *amator*



360

*Paspalum*

*distachne*

*distachne*

*distachne*

*distachne*

*distachne*

*distachne*

*distachne*

20

3610

*Paspalum*

*distachne*

*distachne*

3611

*Paspalum*

*distachne*

3612

*Paspalum*

*distachne*

3613

*Paspalum*

*distachne*

3614

*Paspalum*

*distachne*

3615

*Paspalum*

*distachne*

3616

*Paspalum*

*distachne*

3617

*Paspalum*

*distachne*

*distachne*

*distachne*

3618

*Paspalum*

*distachne*

3619

*Paspalum*

*distachne*

*distachne*

3620

*Paspalum*

*distachne*

3621

*Paspalum*

*distachne*

*distachne*

*distachne*

3622

*Paspalum*

*distachne*

*distachne*

3623

*Paspalum*

*distachne*

*distachne*

*distachne*

3624

*Paspalum*

*distachne*

*distachne*

3625

*Paspalum*

*distachne*



lost, lower, erect, up to 10 ft. Pale green Sept 21 Ariz  
seen along stream, same

3021 *Smilax*  
erect, up to 10 ft.

Along R. bank, up to 10 ft.  
seen along stream

- 3022 *Smilax*  
3023 *Erigeron* *magnus*  
3024 *Andropogon* *barbatus*  
3025 *Andropogon* *barbatus*  
3026 *Andropogon* *barbatus*  
3027 *Andropogon* *barbatus*  
3028 *Andropogon* *barbatus*  
3029 *Andropogon* *barbatus*  
3030 *Andropogon* *barbatus*  
3031 *Andropogon* *barbatus*  
3032 *Andropogon* *barbatus*  
3033 *Andropogon* *barbatus*  
3034 *Andropogon* *barbatus*  
3035 *Andropogon* *barbatus*  
3036 *Andropogon* *barbatus*  
3037 *Poa* *ariziana* *Sam*  
3038 *Bouvardia* *acutifolia*  
3039 *Sporobolus* *cyllarioides*

end of Mex

3040 *Andropogon* *barbatus*  
3041 *Andropogon* *barbatus*

3042 *Andropogon* *barbatus*  
3043 *Andropogon* *barbatus*

3044 *Andropogon* *barbatus*  
3045 *Andropogon* *barbatus*  
3046 *Andropogon* *barbatus*  
3047 *Andropogon* *barbatus*

3048 *Andropogon* *barbatus* *neomexicana*

3049 *Andropogon* *barbatus*  
3050 *Andropogon* *barbatus*

3051 *Andropogon* *barbatus*  
3052 *Andropogon* *barbatus*

3053 *Andropogon* *barbatus* *NBK*  
3054 *Andropogon* *barbatus*

3055 *Andropogon* *barbatus*  
3056 *Andropogon* *barbatus*

3057 *Andropogon* *barbatus*  
3058 *Andropogon* *barbatus*

3059 *Andropogon* *barbatus*  
3060 *Andropogon* *barbatus*

3061 *Andropogon* *barbatus*  
3062 *Andropogon* *barbatus*

3063 *Andropogon* *barbatus*  
3064 *Andropogon* *barbatus*



3650 Left hand side

9 miles along the river

3651 3 miles along the river

newly exposed by the river

3652 In pits near river

flat under the river

3653 In pits near river

newly exposed by the river

3654 Aegleops bolsoni

ditto

3655 Boulengeria curtipendula

ditto

3656 Boulengeria

ditto, large specimen

3657 In pits near river

often found colored mottled

3658 Panca thirticaule

ditto, colored, with P. capillaris

3 Chaetochloa composita

ditto, colored

3659 Chaetochloa composita

ditto, colored

3660 Chaetochloa composita

ditto, colored

3661 Chaetochloa composita

ditto, colored

3662 Chaetochloa composita

ditto, colored

3663 Chaetochloa composita

ditto, colored

3664 Chaetochloa composita

ditto, colored

3665 Chaetochloa composita

ditto, colored

3666 Chaetochloa composita

ditto, colored



3671 *Phlox*  
 on fence  
 3672 *Antennaria*  
 along brook  
 3673 *Panicum hirticaule*  
 3674 *Portulaca oleraceae*  
 3675 *Phlox*  
 = *Phlox*  
 along edge of woods  
 3676 *Chenopodium* (H.B.)  
 3677 *Chenopodium*

*Chaetochloa grisebachii* (Fourn.)  
Scribn.

I have been thinking  
 about you very much lately  
 and hope you are well.  
 Love from  
 Mother

Dec. 10. Port Colborne  
Upper L. good  
S. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.  
S. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.  
S. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

569 Berubel  
House of the 10th

3600. *Schizanthus*  
S. ...

Box 7  
Sample along river bank  
at mouth of lake

*[Faint handwritten notes at bottom:]*

Red, canyon, permeable  
Ber E. Mulberry  
dolls, clumps, erect



3690 *Euphorbia*  
leaves, stem, flowers  
white, dark, light.

3691 *Glaucium*  
leaves, flowers  
white, green.

3692 *Penstemon*  
leaves.

3693 *Ranunculus*  
leaves.

3694 *Ranunculus plenum* Hec  
leaves, flowers, stem.

3695 *Ranunculus acris* Sam  
leaves, flowers.

3696 *Androsace*  
leaves.

3697 *Geranium*  
leaves. 3698.

3698 *Ranunculus acris*  
leaves.

3699 *Peter's* *Geranium*  
leaves, flowers.

3700 *Penstemon*  
leaves, flowers.

3701 *Androsace*  
leaves.

3702 *Androsace*  
leaves.

3703 *Androsace*  
leaves, flowers.

3704 *Androsace*  
leaves, flowers.

3705 *Androsace*  
leaves, flowers.

3706 *Androsace*  
leaves, flowers.

3707 *Androsace*  
leaves, flowers.

3708 *Androsace*  
leaves, flowers.

3709 *Androsace*  
leaves, flowers.

3710 *Androsace*  
leaves, flowers.

3711 *Androsace*  
leaves, flowers.

3712 *Androsace*  
leaves, flowers.

3713 *Androsace*  
leaves, flowers.

3714 *Androsace*  
leaves, flowers.



137

Stipa pinnatifida Vahl (L.)

*sciaphilum*  
(10/11/11)

Small. Much of the

Jan 30/42 ending Jan 1/43

These are the same as the ones I have  
seen at home, with the same results.

1000

1951

S. J. J. J.

1000

*[Faint handwritten notes at the bottom of the page]*

[illegible]

720 Presbyterian

100

721 Agassiz

date

1372

1000 lbs. of  
beads, mostly of white  
color, of the

37

Chas. E. de  
Miller

372

1900



372

Benson Ariz. Sept 22

done and done, had more  
suffering.

72

Colony  
No.

10

Shirley

B 30

*Panicum hirticaule* Presl

232

Heard me

1732

11.



3733 Don't know  
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Sept 23. On various  
 alfalfa

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Mesa Verde  
 Arroyo Viejo - Gila  
 Canon 6500-6500 Sept

- 3766 *Yucca elata*
- 3768 *Muhlenbergia*
- 3770 *Muhlenbergia*
- 3771 *Muhlenbergia*
- 3772 *Artemisia parterii*
- 3773 *Yucca*
- 3774 *Artemisia arizonensis*
- 3775 *Muhlenbergia*
- 3776 *Yucca*
- 3777 *Yucca*
- 3778 *Artemisia stolonifera*
- 3779 *Artemisia*
- 3780 *Artemisia*
- 3781 *Bouteloua*
- 3782 *Artemisia*
- 3783 *Panicum Halimifolium*
- 3784 *Panicum bulbosum sciaphilum*
- 3785 *Artemisia biennis*  
 at the edge of the canon
- 3786 *Artemisia*
- 3787 *Bouteloua*
- 3788 *Sporobolus*

- 3789 *Artemisia*
- 3790 *Bouteloua*
- 3791 *Panicum (scaberrimum)*
- 3792 *Sitona*
- 3793 *Eragrostis*
- 3794 *Artemisia*
- 3795 *Muhlenbergia*
- 3796 *Artemisia*
- 3797 *Eragrostis*
- 3798 *Leptochloa dubia*
- 3799 *Valeriana gracilior*
- 3800 *Sporobolus*
- 3801 *Muhlenbergia*
- 3802 *Bouteloua*
- 3803 *Artemisia*
- 3804 *Sporobolus*
- 3805 *Artemisia*
- 3806 *Bouteloua*
- 3807 *Maize*
- 3808 *Trisetum pulchellum*
- 3809 *Eragrostis*
- 3810 *Pappophorum*
- 3811 *Sporobolus*
- 3812 *Artemisia*



3813 *Pennisetum*

~~3814 *Pennisetum*~~

general  
H.M. late  
field colony, near the  
ditch, Sept 25

3815 *Sporobolus*

3816 *Andropogon*

3817 *Elymus*

3818 *Elymus*

3819 *Elymus*

3820 *barbiculvatum*

3821 *Syntherisma*

3822 *Paspalum*

3823 *Elymus*

3824 *Chenopodium*

3825 *Chenopodium*

3826 *Muscadivina*

3827 *Andropogon*

3828 *Elymus*

very late, near the  
ditch, Sept 25

3829 *Sporobolus*

3830 *Panicum*

3831 *Aristida*

3832 *Andropogon* Kan, Sept 27

3833 *Andropogon*

3834 *Andropogon*

3835 *Andropogon*

3836 *Andropogon*

3837 *Andropogon*

3838 *Andropogon*

3839 *Andropogon*

3840 *Andropogon*

3841 *Andropogon*

3842 *Andropogon*

3843 *Andropogon*

3844 *Andropogon*

3845 *Andropogon*

3846 *Andropogon*

3847 *Andropogon*

3848 *Andropogon*

3849 *Andropogon*

3850 *Andropogon*

3851 *Andropogon*

3852 *Andropogon*

3853 *Andropogon*

3854 *Andropogon*



in some - low  
5878. Paul y. cl. ...  
hair ...

- paniculatus  
3851 *Poa capillaris* L.  
Posterior ...  
3852 *Bouteloua curtipendula* (L.) Nees  
3853 *Panicum ...* ...  
Same ...  
3854 *Panicum ...* ...  
3855 *Sparganium ...*

On way to Mt Hood Oregon  
July 1. 1968

3856 *Festuca*

3857 *Trisetum*

glacial moraine, July 3

3858 *Poa*

3859 *Trisetum*

3860 *Phleum*

3861 *Festuca*

3862

3863

3864



type coll.

3865 *Panicum nodatum* N

Corpus Christi

(Sarita) to Brownsville Tex

Aug 7, 1904

3866 *Panicum firmulumb*

Sarita, Corpus Christi to Brownsville, Tex. Aug 7, 1904.

3867 *Pasp. levidum* Galveston Tex 1903

3868 *Pasp dilatatum* Wilmington NC

3869 *Pasp dilatatum* Lake City Fla 189

3870 *Pasp dilatatum* Stone Ga Aug 23 1905

3871 *Pasp dilatatum* Baton Rouge La

3872 *Pasp. wrullii*

Wilmington N.C. 1901

3873 same Orangeburg SC

30 160 N+L

Aug 19, 1905

3874 same - Baton Rouge La 1904

3875 same Galveston Tex 1903

3876 *Pasp laeve* Cape Henry Va

Sept 4 1905

3877 *Pasp laeve*, Virginia Beach Va.

Aug 1902

3878 *Pasp laeve* Wilmington NC

1905

3879 *Pasp laeve* Orangeburg SC

30 120 N+L

Aug 15 1905



3880 Pasp laeve Chehaw  
1904 Ala

3881 Pasp laeve Roan Mt  
July 25, 1905 Tenn

3882 Pasp longipilum Nash  
173 H<sup>c</sup> Asheville NC Aug 9, 1904  
(30)

3883 Pasp longipilum  
Aug 1905 Baltimore NC  
(174 H<sup>c</sup>)  
(30)

3884 Pasp longipilum  
Wilmington NC 1905

3885 Pasp longipil.  
(194 H<sup>c</sup>) Wilmington Aug 28 1905  
(30)

3886 Pasp longipilum  
Stone Mt Ga  
Aug 1905

3887 Pasp longipilum  
Birmingham Ala  
1898

3888 Pasp longipilum  
Mobile Ala 1904

3889 Pasp longipilum  
Baton Rouge La  
Aug 7 1904

3890 Pasp circulare  
Baton Rouge La Aug 7, 1904

3891 Pasp laeve  
Corpus Christi Aug 1904

3892 Pasp lentiferum  
(245 H<sup>c</sup>) Wilmington NC 1905  
(30)

3893 Pasp lentiferum Lam  
Stone Mt Ga 1905



3894 *Pasp. lentifolium*  
H Myers Fla in 1898

3895 *Pasp. difforme* L.  
Suwanee Co Fla 1898

3896 *Pasp. difforme*  
Jacksonville 1900

3897 *Pasp. floridanum*  
Chehaw Ala

3898 *Pasp. floridanum*  
Wilmington NC  
30  
213 HC

3899 *Pasp. florid. glabratum*  
College Station Tex  
1903

3900 *Pasp. repens*  
H Myers Fla

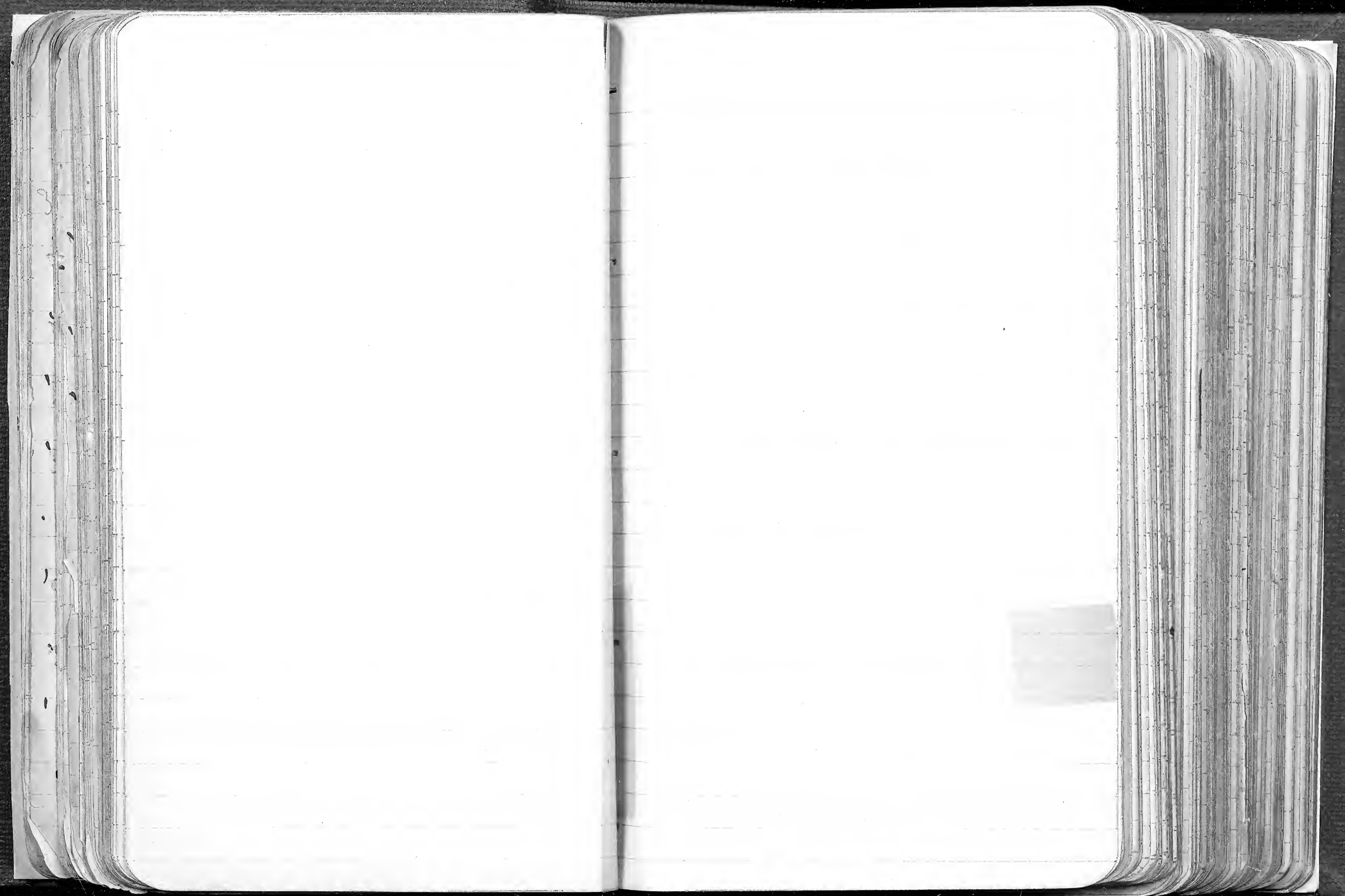
3901 *Pasp. destructum*  
Shreveport La 1903

3902 *Pasp. destructum*  
Fort Worth Tex 1904

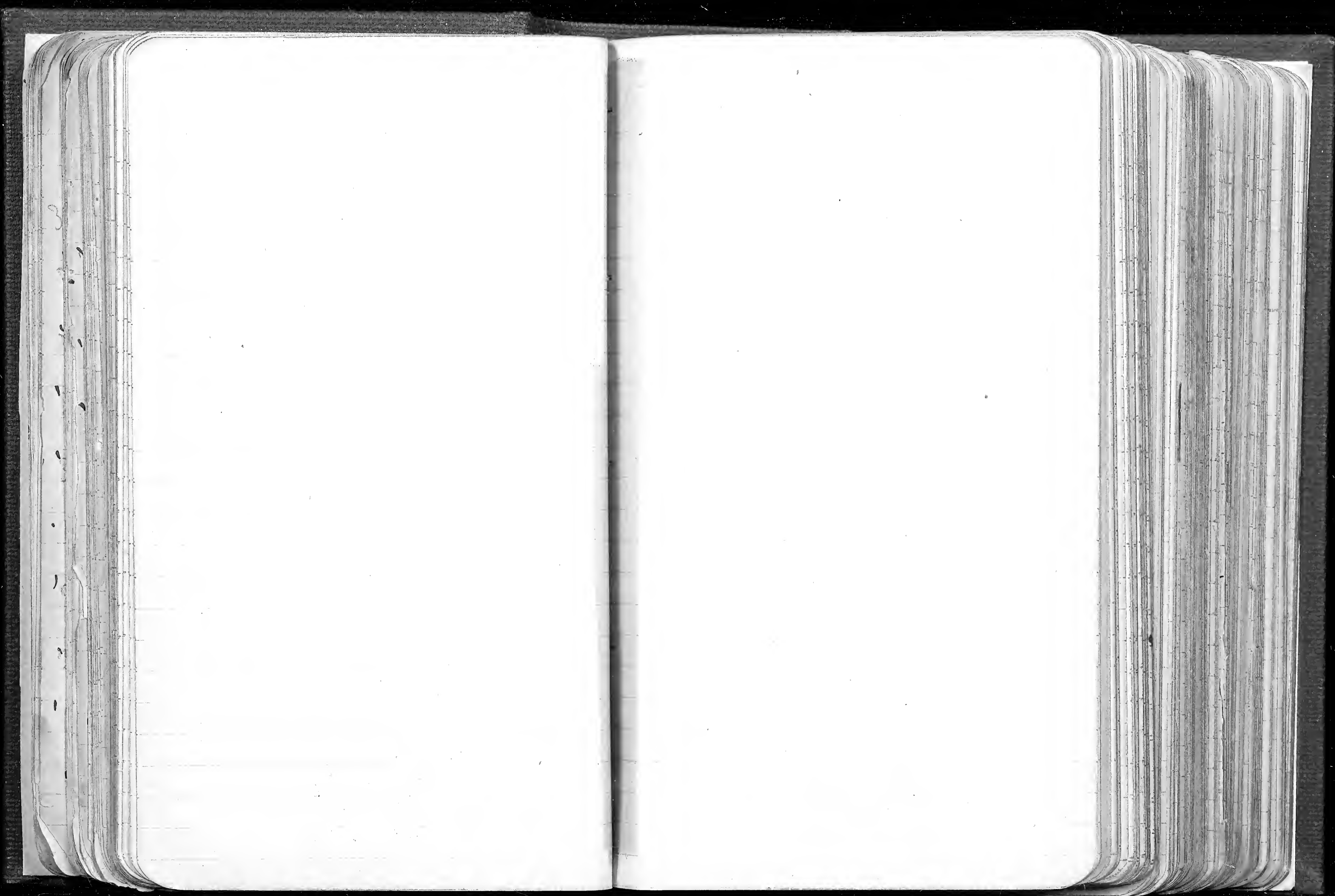
3903 *Pasp. destructum*  
Lis Cruces N.M. 1904

3904 *Pasp. pub. aff.*  
San Antonio 1903

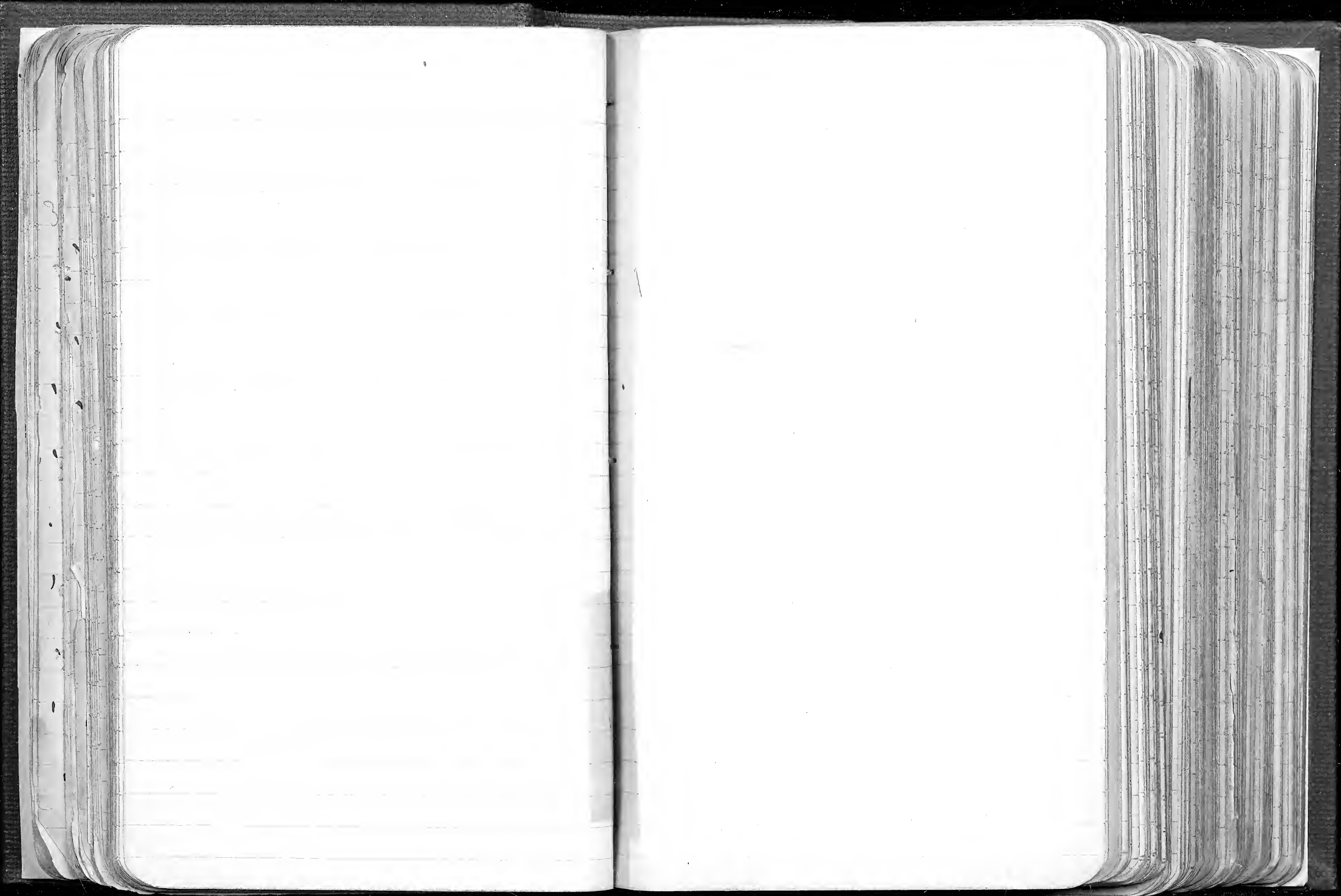




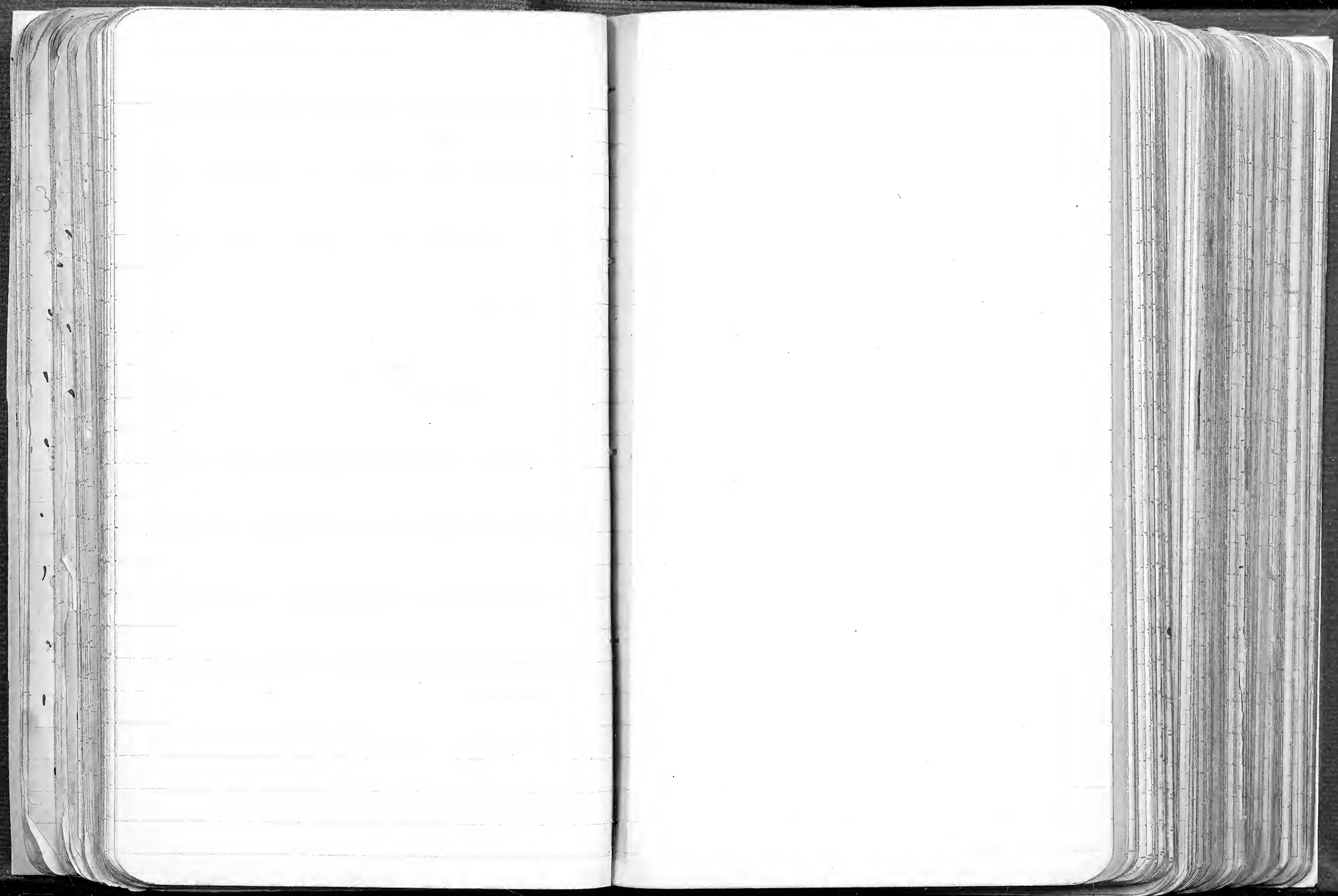




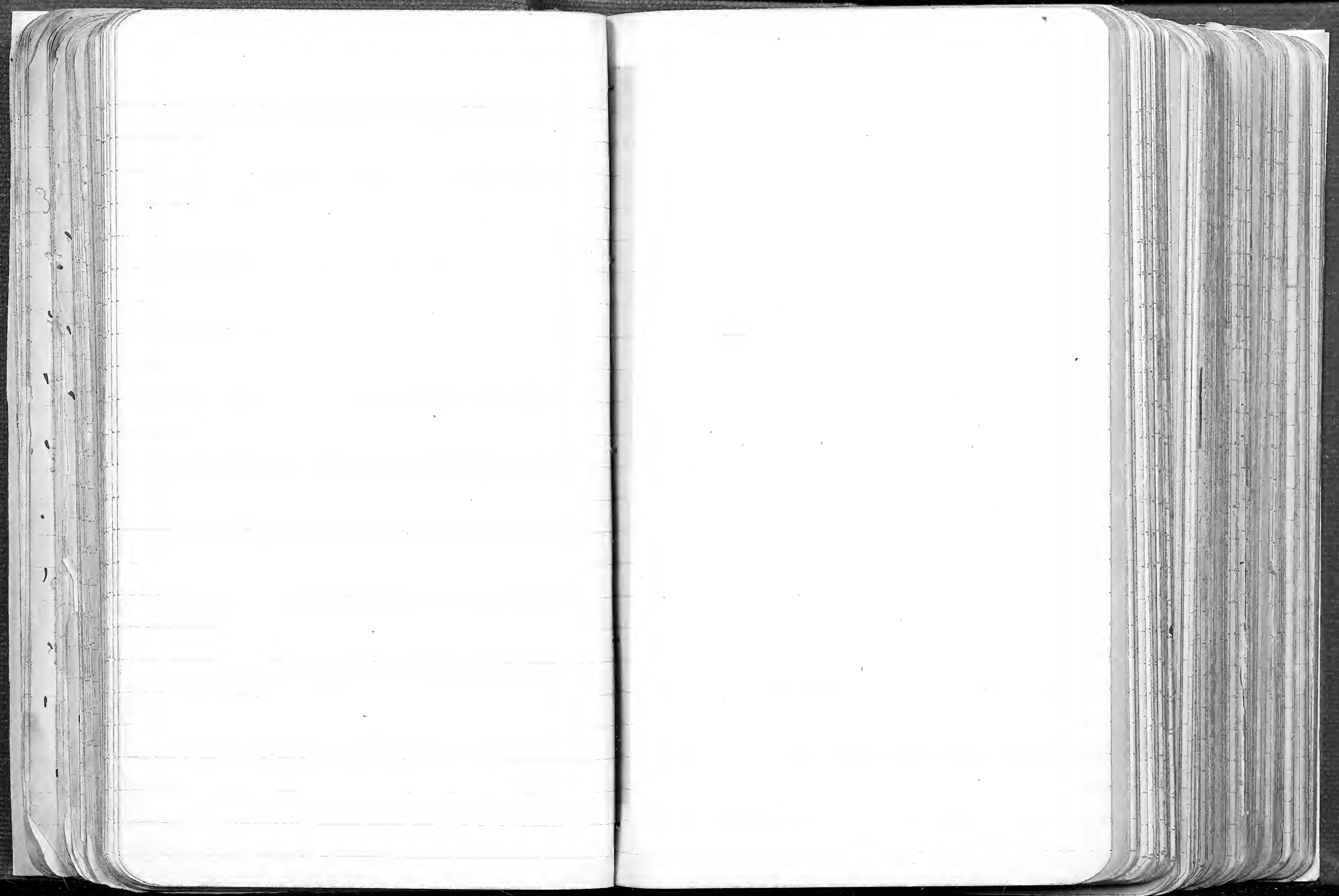




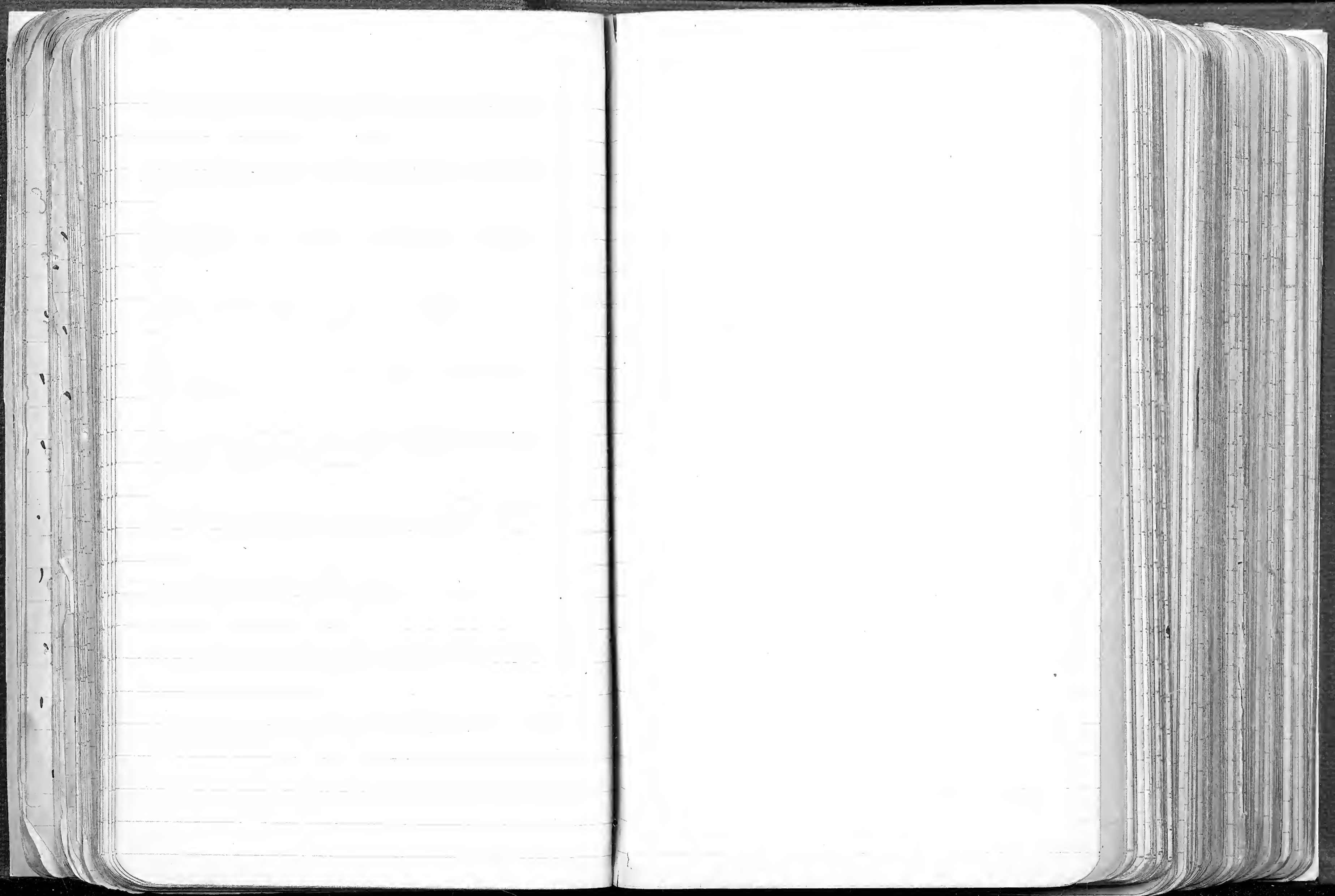












1909

book I

4000 - 4738



1909

4000 Delta - June 21  
Poa - Cultivated  
seed of *Lepidum* *sp.*  
common. Branches prostrate  
young - like at base - somewhat  
above. Lower branches prostrate  
at base, *Ligustrum* *sp.*  
common. Very green  
Tern plant, *Adiantum* *sp.*

4001 Poa *sp.* Delta  
Common. Some very large  
leaves.

4002 Poa *sp.* Delta  
Large, some in flower. Green  
leaves.

4003 *Aquilegia* - Delta bog  
Large bushes, large perianth  
leafy base of dead leaves  
Golden *crucifera* - *sp.*  
large.

4000 *Poa campestris*  
comp. *campestris* Spring  
bog.

4005 *Agrostis*  
will 5000 but pan. 2  
near *capitata* *fasciata*  
obovate.

4006 *Proserpinaca prostrata*  
*prostrata* *prostrata*  
small *prostrata* *prostrata*  
along road sides.

4007 *Gastrophysa glomerata*  
*Gastrophysa glomerata*  
Ere. *prostrata* *prostrata*.

4008 *Poa* *prostrata*  
*Poa* *prostrata*  
Py. *prostrata* *prostrata*.

4009 *Poa prostrata*  
*Poa prostrata*  
Sandy river bed.

4010 *Poa trispiculata*  
*Poa trispiculata*  
along Py. *prostrata*.

4011 *Poa trispiculata*  
*Poa trispiculata*

4012 *Poa trispiculata*  
*Poa trispiculata*  
along Py.

4013 *Poa trispiculata*  
*Poa trispiculata*  
along Py.

4014 *Poa trispiculata*  
*Poa trispiculata*  
along Py.

4015 *Poa trispiculata*  
*Poa trispiculata*  
along Py.

4016 *Poa trispiculata*  
*Poa trispiculata*  
along Py.

4017 *Poa trispiculata*  
*Poa trispiculata*

4018 *Poa trispiculata*  
*Poa trispiculata*  
Bunches on banks - common

4019 *Poa trispiculata*  
*Poa trispiculata*  
Bunches on banks - rare



Warragul Jan 11

- 4019 *Poa annua*  
4020 *Poa annua*  
4021 *Poa annua*  
4022 *Poa annua*  
4023 *Poa annua*  
4024 *Poa annua*  
4025 *Poa annua*

Mail Cop

- 4026 *Poa annua*  
Sandy soil

- 4027 *Poa annua*

Bill

- 4028 *Poa annua*  
Woods

Hordeum

- 4032 *Poa annua*  
4033 *Poa annua*  
4034 *Poa annua*  
4035 *Poa annua*  
4036 *Poa annua*  
4037 *Poa annua*  
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4098 *Poa annua*  
4099 *Poa annua*  
4100 *Poa annua*



4036 *Stipa* ...  
 ...  
 ...

4037 *Calamagrostis* ...  
 ...

4038 *Poa pratensis* ...  
 ...

4039 *Puccinellia maritima* (Hult)  
 ...  
 ...

4040 *Elymus arenarius* ...  
 ...

4041 *Poa pratensis* ...  
 ...

4042 *Trisetum cespitosum* ...  
 ...

4043 *Trisetum cespitosum* ...  
 ...

4044 *Paricaria pinnatifida* ...  
 ...

4045 *Poa pratensis* ...  
 ...

4046 *Poa annua* ...  
 ...

4047 *Poa trivialis* ...  
 ...







41063 *Poa nevadensis*  
 Experimental form - open

*Piperaella maritima*  
 (Huds) Parl  
 Ground of beach. Bay  
 grows lower down bay  
 also plant. for etc. last  
 description. common etc.  
 upper margin. See with  
 side limit. culms erect  
 from an ascending base or



more or less present  
at some level of the  
a mass of dark leaves  
& crowns. Not all  
leaves but some of  
them are after

4069 *Festuca rubra*  
Stems green, leaves  
above dark. Culm along  
green.

4070 *Poa trivialis*  
Stems green, leaves  
at all levels  
spungy, leaves becoming  
Poa for leaves, leaves  
differing in color. Pan.  
bracts striped with green  
Pan. with all.

4071 *Poa trivialis*  
Stems green, leaves  
same as 4070 but with  
+ leaves

4072 *Poa acutiglumis*  
Stems green, leaves  
Poa

4073 *Poa alpina*  
Gravel of creek bed  
spike, leaves green  
bracts purplish, spike + reflexed  
leaves, green, leaves purplish  
with blue glaucous

4074 *Poa pratensis*  
Gravel of creek bed, a  
small, leaves purplish  
for some, leaves in  
gravel, soil.

4075 *Poa pratensis*  
In meadow slumps.  
Very like same as 4074 from  
Siberia.

4076 *Savastana odora*  
Stems green, leaves in  
leaves green



4077 *Puccinellia nuttalliana*  
near shore beach  
cliff. a few seeds - for  
lab. test of a large mass  
clump. probably same as 4076  
but in a larger

4078 *Poa (Puccinellia)*  
near spring

4079 *Poa stenantha*  
In mossy spring

4080 *Poa pratensis*  
near spring  
In mossy spring

4081 *Festuca rubra*  
Festuca  
Rocky cliff, dry, black fls  
not seen in flower

~~4082 *Poa*  
cliffs~~

4083 *Poa stenantha*  
(*Puccinellia*)  
cliffs

4084 *Poa arctica*  
(*Puccinellia*)  
cliffs - short - Pan dimicola

4085 *Poa palustris*  
cliffs

4086 *Puccinellia nuttalliana*  
near beach

4087 *Poa (Puccinellia)*  
near spring

4088 *Poa pratensis*  
near beach  
clump. seeds for  
lab. test - black fls

4089 *Festuca rubra*  
cliffs - common  
for. fls pale

4090 *Poa arctica*  
(*Puccinellia*)  
near spring

4091 *Festuca rubra*  
at foot of cliffs & on  
glacier. G. in bushes, green  
with glaucous, erect, leafy  
black fls. = 4088  
common & clumps large shrubby

4081



*Calamagrostis scabra*  
open place, near river  
very common

$\frac{1}{2}$  *Poa* *sp.*  
By stream, near  
[altitude level 4525] [Box]

$\frac{1}{2}$  *Poa pratensis*  
along stream, near  
See bank, common. [Box]  
very abundant [Box]

*Hordium*  
4953 *sp.*  
along stream, [Box]

$\frac{1}{2}$  *Poa* *sp.*  
[Box] along stream, [Box]  
[Box]

4095 *Phleum*  
along stream

4096 *Trisetum spicatum*  
of rough [Box]  
[Box] very dark, nearly black

*Lepturus gracilifolius*  
[Box]  
left along river

*sp.*  
[Box] [Box]  
[Box] [Box]

4098 *Poa* *sp.*  
along river on cliff  
a slender form

4100 *Poa acutiglumis vivipara*  
[Box] on side of rock  
[Box] on steep cliff  
set [Box] [Box]  
[Box] [Box] [Box]

4101 *Poa* *sp.*  
along river, sub-common  
[Box] [Box] [Box]  
[Box] [Box] [Box]  
[Box] [Box] [Box]  
[Box] [Box] [Box]



4100 *Poa* *capitata* 4/5

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4103 *Poa* *capitata* 4/5

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4105 *Poa* *capitata*

30 Messy wet cliffs & bushes

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4107 *Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4110 *Poa* *capitata* 4/5

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4111 *Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*

4112 *Poa* *capitata*

*Poa* *capitata*

*Poa* *capitata*



4/13 *Poa pratensis*  
 common in open  
 fields, also in  
 woods.

4/14 *Cordyline* *fulva*  
*Dasylirion*  
 Bank along lake

4/15 *P. filiformis*  
 dell.

*Poa annua* s.  
 open ground in woods

4/17 *Calyptranthes*  
 Flat grassy land along  
 lake, adjacent road  
 stock.

4/18 *Alpeyria*  
 open boggy ground  
 near town in clumps  
 culms spreading at base

*Le. ch. a. lat. affinis*  
 common in open  
 fields.

4/19 *Poa* *sternantha* *virgata*  
 Bank along lake, only  
 leafy stems, not  
 in flower.

4/20 *Muhlenbergia* *spicata*  
 Dry bank along lake

4/21 *Muhlenbergia* *serotina*  
 More bank along lake

4/22 *Agrostis* *totifolia*  
*Calamagrostis*  
 Bank along lake,  
 common but not  
 in flower.

4/23 *Agrostis* *totifolia*  
*Calyptranthes*  
 Same bank, 4/18, but  
 different



411 *Elymus arenarius*  
Elymus, small  
about 10 in. tall  
green, much branched  
leaf difference in  
the leaf of upper  
Stem. most common  
fully developed.

412 *Poa annua*  
Poa annua  
green, leafy  
leaf not branched  
green. Look diff  
from this species  
where.

Photo D. R. Allen  
Coffee. 11. 7 in. by look  
wood, Coffee. 11. 7 in. by look  
leaf. 7 in. by look  
wood, wood. 11. 7 in. by look  
10 ft high

4124 *Poa alpina*  
Poa alpina  
low, green, long  
about 10 in. tall  
= 4123, root thick

4125 *Arctagrostis latifolia*  
Arctagrostis latifolia  
green, open ground  
dotted, branched

4126 *Stachys alba*  
Stachys alba  
green, open ground  
dotted, branched  
leafy, thick  
white, thick, thick

4127 *Stachys alba*  
Stachys alba  
green, open ground  
dotted, branched  
leafy, thick  
white, thick, thick

4128 *Trisetum inflatum*  
Trisetum inflatum  
dotted

4129 *Poa trivialis*  
Poa trivialis  
green, open ground  
dotted, branched  
leafy, thick  
white, thick, thick

4130 *Poa alpina*  
Poa alpina  
green, open ground  
dotted, branched  
leafy, thick  
white, thick, thick



Small plant 208 Gaby or  
herb

4/32 *Panicum*  
Dry hillside along Ry

4/33 *Panicum* <sup>on alluvium</sup>  
along bank  
ditch

4/34 *Panicum*  
<sup>to a leptocoma</sup>  
ditch

4/35 *Panicum*  
ditch

4/36 *Phleum*  
<sup>Convolvulus July 3</sup>  
along road

4/37 *Desmodium*  
<sup>Desmodium</sup>  
along Ry

4/38 *Hordeum*  
<sup>Hordeum</sup>  
along Ry

*Panicum*  
4/39 *Panicum*  
low open ground  
4/40 *Panicum* <sup>aristata</sup>  
(see 1035)

Low ground along Ry

*Cyperus*  
ditch

4/42 *Elymus*  
<sup>Elymus borealis</sup>  
along Ry  
Spikes becoming loose  
middle of

4/43 *Bromus*  
<sup>Bromus</sup>  
annual, along Ry

4/44 *Agrostis*  
<sup>Agrostis</sup>  
dry open ground  
near Ry

4/45 *Phacelia*  
<sup>Phacelia</sup>  
Brackish shore

4/46 *Desmodium*  
<sup>Desmodium</sup>  
Open low swampy ground



41-42 *Corostis aquivalvis*  
*Calamagrostis*  
Open low swampy ground

41-43 *Calamagrostis*  
darker - 4/17

41-44 *Calamagrostis*  
Low ground common

41-45 *Calamagrostis*  
along pool

41-46 *Calamagrostis*  
along pool

41-47 *Calamagrostis*  
along pool

41-48 *Calamagrostis*  
along pool

41-49 *Poa pratensis*  
along pool

41-50 *Poa pratensis*  
along pool

41-51 *Poa pratensis*  
along pool

41-52 *Poa pratensis*  
along pool

41-53 *Poa pratensis*  
along pool

41-54 *Poa pratensis*  
along pool



4/15/77 Panicum. very  
well & dry. up to 100  
in 1/2 ft. of ground  
+ bunches ascending or  
ascending. First used  
to show up in 1/2 ft.  
Pan is not at all green, but  
purple

4/16/77 Agropyron  
A. pruriens  
Aerial bunches  
on rock

4/16/77 Phleum  
along by track, common

4/16/77 Bromus  
bunches along by  
high places

4/16/77 Poa pratensis  
dry bank along by  
this is the first I have  
seen here. P. pratensis  
This with 4/15/77, 4/15/78  
are probably all the same

+ seems to be not  
Panicum

4/16/77 Festuca  
bunches on ground, on rock  
very infrequent. Leaves  
2-3 in. somewhat so. Little  
bunches. Leaves  
purple

4/16/77 Agropyron  
A. pruriens  
bunches along by track

4/16/77 Agropyron  
A. pruriens  
bunches along by track

4/16/77 Bromus  
along ditch. Road side.  
Pan. erect

4/16/77 Poa  
for interior Ryd. 10.  
bunches on bank  
hillside, very frequent  
Pan bunches. Leaves  
spreading. Blue, flat



Poa interior Rydbr.  
Poa  
in a dense  
shrubland, bl.  
branches

4/69 Poa interior  
near a small open  
space in dense shrub.

4/70 Poa interior  
open ground,  
gravel, dwarf.

4/71 Poa interior  
gravelly ground  
nearby = 4/69

4/72 Poa interior Rydbr.  
This seems to be Poa  
crucis, flowers red and  
stamens. Panicles as-  
cending. Spks. are barren  
after several flowering.

4/73 Poa interior Rydbr.  
Very like P. nemoralis

in marshy along brook  
Stems, very short, per.

4/74 Poa interior  
usually, but not  
close branches, brown

4/75 Poa interior  
Moist ground among  
Equisetum, very like  
P. nemoralis, but is very  
large, usually immature

4/76 Poa interior or spicata  
open ground along  
edge of pool through  
alders.

4/77 Agrostis nemoralis  
ditto = 4/59

4/78 Agrostis nemoralis  
= 4/77. More slender  
fls.



4175 *Poa interior* Rydb.  
bunches, slopes  
to be at base. In  
same as 4167, but  
growing at base of  
same slope.

4180 *Poa interior*  
along road.

4181 *Poa*  
della but somewhat  
more shrubby place.

4182 *Poa compressa*  
along road.

4183 *Poa palustris*  
bunches, along road.

4184 *Poa*  
along stream in  
damp place.

4185 *Poa*  
among alders, saline  
low area, base of  
mountain.

4186 *Poa*  
low open ground  
along stream. Not  
in bristled soil.  
Large bunches, spreading  
at base of alders, above

4187 *Poa*  
along stream.

4188 *Poa compressa*  
In cleared stump  
bottom land, apparently  
indigenous.

4189 *Poa alpina*  
della, base of  
hill. *P. alpinum* but  
panicled seen to be small.



4190 *Hordeum nodosum*  
along by sandy soil  
on rocky ground

4191 *Agrostis tenuis*  
along by sandy soil  
on rocky ground  
along by sandy soil  
along by sandy soil  
along by sandy soil  
along by sandy soil  
along by sandy soil  
along by sandy soil  
along by sandy soil  
along by sandy soil

4192 *Poa interior* Rydb.  
on rocky cliff

4193 *Poa interior* Rydb.  
bed of detrital

4194 *Poa interior* Rydb.  
in shade at base of  
cliff

4195 *Poa interior* Rydb.  
more luxuriant

4196 *Agrostis tenuis*  
along by sandy soil  
on rocky ground

4197 *Poa interior* Rydb.  
along by sandy soil  
on rocky ground  
4198

4198 *Agrostis tenuis*  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground

4199 *Agrostis tenuis*  
along by sandy soil  
on rocky ground

4200 *Poa interior* Rydb.  
along by sandy soil  
on rocky ground

4201 *Poa interior* Rydb.  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground  
along by sandy soil  
on rocky ground



Free goods

5-8-80



420 Poa compressa S.  
Poa compressa  
Along road common  
very in abundance

421 Phlox & cornucopia?  
Along road

422 Phlox & cornucopia?  
Along road common  
in abundance specimen

Glacier about 15 miles from  
St. Mary on the R.R.  
July 12. Clear day

423 Phlox alpestris  
424 Agrostis alpestris  
very leafy

425 Poa trispiculata  
Poa trispiculata  
in a large bush  
about 100 specimens  
+ a number of specimens

426 Poa alpina  
a single bush

427 Poa trispiculata  
Poa trispiculata  
seen in abundance

Summit of Mt. Rose  
428 Poa trispiculata  
Part of a large bush

429 Poa alpina  
Part of a large bush

420 Phlox alpestris  
Poa trispiculata  
Part of a large bush  
along cliffs and in  
some of the specimens  
Plants great

421 Poa alpina

422 Poa alpina  
Bunches, Poa alpina



Trinervia *fulva*

4223 *A. grandis* *lanceolata*  
little stems

4224 *Trinervia* *umbellata*  
sandy soil

4225 *Poa alpina*  
open dry soil

4226 *Alpinum*  
low stems

4227 *Phlox alpina*  
dry open soil

4228 *Scabiosa glauca*  
along Ry

4229 *Poa compressa*  
sandy soil

4230 *Poa stricta*  
small bunches  
leafy at base of blades

green in color. Canopy 2 1/2 ft  
fleshy. Sandy soil.

4231 *Trinervia* *spicata*  
glabrous.

4232 *Poa* (*umbellata*?)  
Sandy soil

4233 *Poa*  
sandy soil, probably

4234 *Poa* but the leaves  
not in a leafy stem

4235 *Festuca*  
large bunches, culms  
to be very stiff, erect.

4236 *Poa annua*

4237 *Hordeum*

4238 *Hordeum*  
small stems, leaves  
bunch, leafy pale  
green.



4238 *Salicornia*  
*Salicornia* *lanceolata*  
 Dec 4238 *Salicornia*

9253 Blue  
 Common, same  
 found at Canyon, Col  
 Same as a Purple  
 and purple base

X282 b.c. - po  
ae. Ry

424) Pm (brunneus)  
along by. Shrub rough

[illegible]

X2. *Stropharia* *serotina*

[illegible]

Canyon Crossing pg 12  
Sandy soil around station

YRSD Paul  
Gardner

428E *Poa nemoralis* L  
Small heads blue green

*Not  
Numerals*

*Lui R. Cassin - see Hordale's letter Apr. 25; CH / Fournier Rex*

8245 *Festuca calligera* <sup>11</sup>  
Festuca

28250 *Agropyron holacsum*  
*Agropyron*



4251 *Bromus pumilius*  
Bromus  
Can. soil - s. p. h. d.  
fuzzy

4252 *Bromus arcticus*  
Bromus  
Can. s. p. h. d. s. p. h. d.  
fuzzy

4253 *Calamagrostis*  
Grass  
Dry soil. Culms s. p. h. d.  
erect.

White Horse  
4254 *Hordeum jubatum*  
Hordeum  
along by

4255 *Calamagrostis*  
Close prostrate bunches  
in open ground. Culms  
extending from prostrate  
base

4256 *Poa infirma*  
Poa  
forming culms very  
short & branching

4257 *Bromus richardsonii*  
Bromus  
along by

4258 *Bromus pumilius*  
Bromus  
along by

4259 *Calamagrostis*  
Bunches, culms erect & stiff  
Dry ground

4260 *Richardsonia*  
Dry shrubby  
River bank

4261 *Agrostis*  
Bunches along by

4262 *Agrostis*  
Bunches along by  
Prostrate, s. p. h. d. base  
shear

4263 *Calamagrostis*  
Common in Carex sward  
first cutting well showing  
of culms 4258.  
Green. culms stiff erect



4266 *Arctagrostis latifolia*  
Pore  
Low ground

4267 *Poa*  
Along by - common

4268 *Poa*  
Along by - common

4269 *Trisetum*  
In open field  
Open ground in woods  
glabrous. Culms single  
or few in clumps

4270 *Trisetum*  
Along by, large clump  
very pubescent. Sheaths  
longer

4271 *Trisetum*  
In open field  
Lob 4-6, low and  
very pubescent, &  
several culms in  
clumps

4272 *Trisetum*  
Along by

4273 *Trisetum*  
Along by in damp place

4274 *Trisetum*  
Low ground

4275 *Trisetum*  
Dry bank

4276 *Poa*  
Dry bank, bunch  
laevigata group

4277 *Calamagrostis*  
Long - bunches. Sandy  
ground. 80-100 cm.  
like 4255, which it  
resembles. Culms  
leaves flat glaucous.

4278 *Arctagrostis arundinacea*  
Along by, 10-15 ft.  
floral buds

4279 *Calamagrostis*  
Low ground



4277 *Poa proteoides*  
River bank, near

4278 *Agropyron cuneatum*  
River bank

4279 *Agropyron cuneatum*  
Sand & gravel, Long  
River bank

4280 *Agropyron cuneatum*  
Dry bank

4281 *Agropyron cuneatum*  
Dry bank, near  
burial

4282 *Calamagrostis canadensis*  
River bank, near  
ditch

4283 *Agropyron cuneatum*  
Open gravel along  
river

4284 *Puccinellia tenuiflora*  
4285 *Festuca ovina*  
Pasture coll. 4273  
Dry ground

4286 *Poa pratensis*  
Sand dune, C. way  
glaciers from north side  
dunes & gravel fields

4287 *Poa pratensis*  
Dunes, C. way  
glaciers

4288 *Poa pratensis*  
Dry ground

4289 *Puccinellia tenuiflora*  
moist clay along  
gravel bank, open

4290 *Poa pratensis*  
along the sand & silt  
bank, gravel bank etc.

4291 *Puccinellia tenuiflora*  
moist clay along  
sand & gravel bank  
as S. way, open



4292 *Poa compressa* L.  
 Open woods  
 Possibly introduced  
 as weed on  
 slope of hill

4293 *Calamagrostis* sp.  
 Low grassy hill  
 forming soil.

4294 *Puccinellia* sp.  
 Low grassy along road

4295 *Alpertia* sp.  
 Low grassy hill

4296 *Poa annua* L.  
 Low grassy along road

4297 *Calamagrostis* sp.  
 Long clump  
 with thick base  
 low grassy

4298 *Poa interior*  
 very glaucous, thick leaves

July 15

4299 *Festuca*  
 Open woods 4302  
 but stem prostrate  
 low leaves prostrate  
 some erect leaves

4300 *Poa* sp.  
 See 4302

4301 *Calamagrostis* sp.  
 Leaves broad

4302 *Festuca*  
 Open woods 4303  
 Common, many in  
 dense clump of which  
 4302

4303 *Stipa*  
 Dense open hillside

4304 *Calamagrostis* sp.  
 Boggy place



Hostalungia July 1  
low ground near river

4305 Calamagrostis  
Purshii

4306 Gordonia

4307 Gordonia  
porteri

4308 Calamagrostis  
Canadensis

4309 Bromus inermis var. glabratus

4309 Bromus inermis

4310 Bromus  
inermis - 4309

4311 Poa palustris

4312 Agropyron  
repens

4313 Allopecurus pratensis  
inermis

4313 1/2 Poa interior  
Arctagrostis latifolia  
Canadensis

4315 Poa trachystachya

4316 Deschampsia  
flexuosa

4317 Deschampsia compilata

4318 Agropyron

4319 Deschampsia compilata  
puberula 4312

4320 Hordeum jubatum  
porteri

4321 Poa peruviana

4322 Puccinellia nuttalliana  
puberula  
accol on Canadensis to  
form porteri puberula

4323 Puccinellia nutans texuiflora  
puberula Canadensis  
accol porteri puberula  
accol porteri puberula

4324 Calamagrostis  
Canadensis puberula

4325 Arctagrostis latifolia  
Canadensis



4328 *Poa interior*

Abundant in alpine  
meadows of alpine  
meadows

4329 *Calamagrostis*

4328 *Poa interior*  
Large mound. Common  
in alpine meadows

4329 *Poa interior*  
Woolly, pubescent  
4328

4330 *Calamagrostis canadensis*

4331 *Agrostis*

4332 *Calamagrostis*

4333 *Trisetum*

4334 *Trisetum* Salix  
at wood station July 13

4335 *Poa interior*  
Mounds top of cliff

4335 *Deschampsia*  
Along stream bank

433 *Alnus*  
Bulky, cliff

4335 *Agropyron spicatum*  
Bridal, on side of  
cliff, common. But  
on cliff slope  
Scirpus, some  
shrub vegetation

4338 *Poa interior*  
Large mound, top of  
cliff

4338 *Poa interior*  
Slope of cliff, also on  
top. Common. Then  
large shrub, from top of  
hill slope



4345 *Phlox pilularis*  
 Top of cliff  
 Cold sunny spot  
 Top of cliff, abundant

4346 *Poa annua*  
 Top of cliff, very common  
 Two specimens for *P. pilularis*

4347 *Erigeron annuus*  
 Bottom of cliff

4348 *Galium aparine*  
 Bottom of cliff  
 Common on slope  
 The commonest fern here.

At this place the common fern is *Asplenium adnigrum*  
 at top of cliff 435.  
 Fern green in patches of slope. Along the slope common grasses 4337 which I have not heretofore

seen. *Poa annua* is common on slope & top of cliff. On steeper places the other one shows itself to be commoner. Some of the commonest plants are *bellis* root of the cliff. *calceol.* are also common but to south of the fern. The other species are common, many more.

Townson July 17

4345 *Poa trivialis*  
 Damp shady soil  
 Shade of Townson.

4346 *Deschampsia cespitosa*  
 Damp soil

4347 *Deschampsia cespitosa*  
 Damp soil. Very common & better known than 4346.



4349 *Oxera fatua glabrescens*  
Oxera fatua  
Shrub

4350 *Poa pratensis*  
Poa pratensis  
Damp place

4351 *Calamagrostis*  
Calamagrostis  
Hill side - damp  
bushy

4352 *Calamagrostis*  
Calamagrostis  
Hill side - damp  
bushy

4353 *Puccinellia tenuiflora*  
Puccinellia tenuiflora  
Damp open soil  
More or less perennating  
bushy or woody stems  
Same as previous species  
4323. Pan. afr. - var. -  
bushy - reflex.

4354 *Alopecurus*  
Alopecurus  
Open ground

4355 *Polygonum monspeliense*  
Polygonum  
Open ground

4356 *Reschampia*  
Reschampia  
Open ground

4357 *Poa annua*  
Poa annua  
Open moist ground

4358 *Polygonum*  
Polygonum  
Along ditch

4359 *Puccinellia tenuiflora*  
Puccinellia tenuiflora  
Along ditch  
More or less perennating  
bushy or woody stems  
Same as previous species  
4323. Pan. afr. - var. -  
bushy - reflex.

4360 *Polygonum*  
Polygonum  
Along ditch

4361 *Panicum*  
Panicum  
Along ditch

4362 *Panicum*  
Panicum  
Along ditch



X363 *Hordeum jubatum*  
Along bank of stream

X364 *Parianthes*  
Along ditch

X365 *Calamagrostis*  
Open field

X366 *Oxytropis*  
Along ditch

X367 *Peckmannia*  
Along ditch

X368 *Agropyron*  
Along ditch

X369 *Poa pratensis*  
Rural field

X370 *Poa annua*  
Hillside

X371 *Poa pratensis*  
Damp soil

X372 *Agropyron*  
Along ditch

X373 *Agropyron*  
Along ditch

X374 *Agropyron*  
Along ditch

X375 *Agropyron*  
Along ditch

X376 *Agropyron*  
Along ditch

X377 *Agropyron*  
Along ditch

X378 *Agropyron*  
Along ditch

X379 *Agropyron*  
Along ditch

X380 *Agropyron*  
Along ditch



4378 *Antiarthra distachya*  
*Antiarthra distachya*  
 Annual, slender, branched  
 in corn, & elsewhere  
 Panicle, branched  
 large one from low  
 (4378)

4379 *Poa annua*  
*Poa annua*  
 Annual, slender, branched  
 in corn, & elsewhere

4380 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside

4381 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside

4382 *Agropyron spicatum*  
*Agropyron spicatum*  
 Open, rocky soil, common  
 of hill.

4383 *Poa introita*  
*Poa introita*  
 Summit of hill, rocky  
 open soil (P. nemoralis?)  
 can see two narrow  
 levels like brown grass

4384 *Festuca caligera*  
*Festuca caligera*  
 Open, rocky soil, common  
 of hill

4385 *Festuca caligera*  
*Festuca caligera*  
 Open, rocky soil, common  
 of hill, probably  
 - 4377

4386 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

4387 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

4388 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

4389 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

4390 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

4391 *Agropyron spicatum*  
*Agropyron spicatum*  
 Dry, rocky, hillside  
 of hill.

July 18



4391 *Poa pratensis* ~~inf.~~ ~~4~~  
Pan. (L.) Cam. fr.

Sand bar of River  
River.

4392 *Poa pratensis*  
Near same locality

4393 *Spartina patens*  
Sand bar of River

4394 *Poa nemoralis*  
along by above  
luxuriant ground

Some Sulphur Springs  
3 miles up River  
Crest of mountain  
end of Ry.

4395 *Poa pratensis*  
along by probably prot.

4396 *Spartina patens*  
Open ground at  
mouth of creek

4397 *Poa palustris*  
along by

4398 *Poa nemoralis*  
along by

4399 *Poa pratensis*

4400 *Spartina patens*

4401 *Chenopodium*

4402 *Trisetum reesquillo*  
michx.

4403 *Poa pratensis*

4404 *Poa pratensis*

4405 *Calamagrostis*

4406 *Arctostaphylos*

4407 *Calamagrostis*

4408 *Isachne monnina*  
*Isachne monnina*



Eagle-Ala.

Apr 20

*Festuca rubra* var. *laevigata*

4409 *Festuca rubra* var. *laevigata*

Open sandy soil

Shady bank

4409 1/2 *Festuca* less pubescent

4410 *Agropyron*

Open sandy soil

Shady bank

4411 *Puccinellia nuttalliana*

Open sandy soil

Shady bank

4412 *Puccinellia nuttalliana*

Open sandy soil

Shady bank

4413 *Poa interior*

Open sandy soil

Shady bank

4414 *Agropyron*

Open sandy soil

Shady bank

4415 *Poa interior*

Open sandy soil

Shady bank

4416 *Agropyron*

Open sandy soil

Shady bank

4417 *Poa interior*

Open sandy soil

Shady bank

*Bromus inermis*

4416 *Bromus*

Shady bank

4417 *Agropyron*

Open sandy soil

4418 *Poa*

Open sandy soil

Shady bank

4419 1/2 *Urtica*

Open sandy soil

Shady bank

4422 *Elymus innotatus*

Open sandy soil

Shady bank

4423 *Calamagrostis*

Open sandy soil

Shady bank

4424 *Deschampsia*

Open sandy soil

Shady bank



4425 Bromus pumellianus  
Open ground  
Pamlico, Va

4425 1/2 same

4426 Poa  
shrub, small fl.

4427 Panicle  
Shrub, large

4428 Agropyron  
Open ground

Circle City

4429 Agropyron  
Open ground

4430 Carex  
Swamp

4431 Hordeum jubatum  
Wet area

4432 Beckmannia erucaeformis  
Wet ground

4433 Poa pratensis  
Open ground

4434 Agropyron sericeum  
Open ground

4435 Poa  
Open ground

4436 Poa  
Open ground

4437 Poa  
Open ground

4438 Poa  
Open ground

4439 Poa  
Open ground

4440 Poa  
Open ground

4441 Poa  
Open ground



*Arctagrostis*  
moist ground

Rainforest

Calamagrostis  
along ditch - low  
ground, common  
7-10 in. high, stems  
& pan. slender, more  
after maturity

Arctagrostis  
Low ground in open woods  
common. Leaves  
glaucous. Stems  
8-10 in. Pan. long, low  
bunches, hairy & spreading  
at anthesis, abundant  
after anthesis narrow

Arctagrostis  
Low ground, but in  
open places. It  
was preceding, but so  
common at Glades

*Agropyron*  
low, flat, common  
in places.

Agropyron  
after snow, green  
bunches, more open  
sandy land

Agropyron  
Low ground, common  
sandy soil  
but it is in open  
places, very  
low, sparse

*Polygonum*  
Stems  
Low ground, common

*Hordeum jubatum*  
Low ground, commonly  
in wet places, heads long

*Hordeum caespitosum*  
Low ground, same as 4818  
but heads short, green  
until 4818



8850 *Deschampsia* ...  
on ground level

8851 *Panicum* ...  
Same ground

8852 *Panicum* ...  
Ape ...

8853 *Panicum* ...  
Ape ...

8854 *Phleum* ...  
... ..  
... ..

8855 *Poa* ...  
... ..  
... ..

8856 *Poa* ...  
... ..  
... ..

8857 *Poa* ...  
... ..

8858 *Calamagrostis* ...  
... ..

8859 *Calamagrostis* ...  
... ..

8860 *Puccinellia* ...  
... ..  
... ..

8861 *Puccinellia* ...  
... ..

8862 *Puccinellia* ...  
... ..  
... ..



Acrostaphylos longifolia  
Slender, after flower

486 Calamagrostis  
- 482? not clear  
drooping, slender  
more thick

487 Alopecurus  
Pencil long, slender

Agropyron  
Shrubby, small  
Pencil - 4  
More robust to sp  
Green

488 Calamagrostis  
Pencil long, slender  
Pencil

489 Calamagrostis  
Pencil long

490 Bromus pumilius  
Sparsely wooded dry  
side

Calamagrostis July 29

Calamagrostis  
near Church road  
Pencil

491 Calamagrostis  
Low clumped  
along ditch

492 Poa  
Along ditch, Pencil  
near Church & dropping

493 Agropyron spicatum  
Pencil  
dry road, slope

494 Poa  
Along ditch, clumped  
broad

495 Poa pratensis  
Along ditch - narrow  
Creek - shrubby, slender

496 Typhium spicatum  
Pencil  
Pencil



4476 *Poa interior* Rydb.  
Along side  
very abundant

4477 *Poa pratensis* L.  
Damp soil in low  
area. Common

4478 *Elymus*  
Growth in low area

4479 *Elymus*  
Growth in low area  
After mowing, first seen  
growing up in mounds  
in damp area along  
road.

4480 *Savatara* July 22  
In damp fields in  
mounds

4481 *Poa interior* Rydb.  
Habitat near Aloha  
Aloha

4482 *Savatara*  
Habitat near Aloha

4483 *Poa*  
Habitat near Aloha

4484 *Poa*  
Habitat near Aloha

4485 *Poa*  
Habitat near Aloha

4486 *Elymus*  
Habitat near Aloha

4487 *Elymus*  
Habitat near Aloha

4488 *Arctostaphylos latifolia*  
Habitat near Aloha



4491 *Distichlis spicata*  
 Along river bank  
 near Pioneer Creek  
 Poa interior

4492 *Poa*  
 Shady timber, near  
 camp, near creek  
 crossing of road to hot  
 springs.

Hot Springs (Bath) July 2

4493 *Calamagrostis canadensis*  
 Very common  
 on all the  
 uplands in open  
 to few woods. Perennial  
 ab. only upland grass

4494 *Calamagrostis canadensis*  
 Along river bank  
 near Pioneer Creek  
 Poa interior

4495 *Poa*  
 Along side of river  
 near Pioneer Creek  
 4496 *Poa*  
 Along base of river  
 near Pioneer Creek  
 subsp. *intermedia*

4497 *Agrostis*  
 Open ground near  
 Pioneer Creek

4497 1/2 *Buckmannia ericaciformis*  
 Along road near field  
 near Pioneer Creek

4498 *Buckmannia*  
 Along river (Bath Slough)



4500 Bromus arvensis L.  
Near field, introduced

4501 Poa annua L.  
Dry soil along ditch  
side, local

4502 Hordeum jubatum  
In ditch near field

4503 Panicum capillare  
In water along ditch

4504 Poa pratensis  
Open ground

4505 Eriophorum terreste  
Open ground near  
river

4506 Alopecurus granularis  
In water bank of  
river

4507 Bromus marginatus L.  
Along road, probably  
introduced

4508 Sphacelium obtusata  
Along stream in  
low springy soil  
in warm land

4509 Phalaris intermar  
Along road or creek  
common, bearing short  
spikes

4510 Phalaris cancrum  
In garden, in warm  
land, introduced

4511 Avena fatua L.  
Common in cultivated  
ground

4512 Poa annua L.  
In cultivated field, introduced  
P. annua but very  
large

4513 Phalaris amabilis  
Along stream in  
warm land



*Bromus pumilius*  
Dry hillside in  
lowland forest

*Bromus*  
Must grow in  
the warm lowland

*Agrostis*  
Tall as 10m. in  
common to variable  
in lowland forest  
to highland forest  
of hill

*Panicum*  
Grows in lowland  
forest

*Panicum*  
along stream

*Agrostis*  
Tall as 10m. in  
lowland forest  
common  
Unusually leafy

4520  $2 \frac{1}{3}$  ga large bush  
29

*Calamagrostis*  
Low land bushy  
along stream, this  
common. Grows over  
all the bottom land  
offering the same as the  
upland form.

*Panicum*  
dotted. Probably same  
as 4523

4522 *Poa*  
along stream. P. polyantha  
low 10m. large  
white & spreading. Frequent

4523 *Calamagrostis*  
Along Tanana River  
common.

4524 *Poa*  
Along bank of Tanana R.



4522 *Poa interior*  
Banks of stream  
along stream bed

*Poa interior*  
Refuse heap in corner  
of house

*Poa interior*  
Along road in  
corner, a small dry  
land area. Probably  
same as specimen

4523 *Bromus arvensis*  
Proven  
Along slope of hill  
near house.  
Does not appear to be  
growing in the same place

4529 *Poa interior*  
Along slope of hill  
near house. Abundant  
Common flower

*Deschampsia*  
Garden of house, etc.

*Deschampsia*

July 31

4531 *Puccinellia nuttalliana*  
Along bank of stream

4532 *Agropyron*  
ditto

4533 *Agropyron*  
ditto - very common  
as 4532

4534 *Hordeum jubatum*  
ditto

4535 *Poa interior*  
ditto

4536 *Calamagrostis*  
ditto

4537 *Agrostis nuttalliana*  
ditto



4530 *Arctagrostis latifolia*  
along slough

4539 *Allopyrum*  
Sandy bank of river

4540 *Poa*  
along slough

Rainbow Aug 2

4541 *Allopyrum*  
along slough. In  
the back of the pond

4542 *Poa*  
Wet meadow by the pond

4543 *Deschampsia*  
near slough

4544 *Allopyrum*  
along slough, broad  
reflexed

4545 *Panicum*  
along slough

4546 *Poa*  
Sandy soil along by  
the bottom of slough

4547 *Poa*  
along slough

4548 *Allopyrum*  
along slough in the  
a large field

4549 *Allopyrum*  
low meadow along  
the edge of the pond

4550 *Allopyrum*  
along slough, Canada  
open low meadow

4551 *Allopyrum*  
along slough, shrubby  
perennial

4552 *Allopyrum*  
along slough, Canada



Seems as if this were  
young of the species and  
all the same form.

4553 *Agropyron alba*  
det. *Agropyron*  
common in common

4554 *Agropyron alba*  
Same along R.

4555 *Calamagrostis*  
Sandy open woods  
Seems det. *C. canadensis*  
but in places on  
Habitat. *Calamagrostis*  
White *C. canadensis*  
leaves, but not common.

4556 *Polypogon monspeliensis*  
Same along R.

4557 *Phleum pratense*  
Same R. common  
Short spike form common

*Poa interior*  
4558 *Poa americana*  
Sandy woods

4559 *Poa palustris*  
*Poa*  
Along R.

4560 *Calamagrostis*  
Sandy soil

4561 *Calamagrostis*  
Sandy woods.

4562 *Poa americana*  
Mural over woods

4563 *Poa interior*  
*Poa palustris*  
det.

4564 *Hordeum jubatum*  
Along R. abundant

4565 *Poa pratensis*  
det.

4566 *Agropyron monspeliensis*  
Same double spike



Calamagrostis purpurascens  
 4577 Calamagrostis  
 Dry hill.

4578 Bromus  
 Dry hill.

4579 Agropyron  
 Sandy bank  
 Low

4580 Agropyron  
 Hill 4571

Aug 3

4571 Calamagrostis  
 Open ground in  
 meadow lot, the flowers  
 form. Branches but  
 produce very small seeds.

4572 Calamagrostis  
 Open ground in  
 meadow lot, very  
 same as 4571 but  
 the panicles are more

4574 Lower branch  
 Hill.

4575 Calamagrostis  
 Open ground in meadow  
 lot. Branches numerous  
 & seeds small. 4572

4576 Poa  
 Open ground in meadow  
 lot. A single branch  
 spreading at base level  
 above. The leaves are  
 small. Panicle glabrous  
 purple stem.

4575 Agropyron  
 Common along the  
 slope. This is a prostrate  
 species. The stem four  
 to six ft. high. The  
 panicle is somewhat  
 open double at a joint.



*Panicum tenuiflorum*  
 Along the slough  
 Sandy soil. Tufts  
 erect or loosely so.  
 Some of the old grasses  
 have become sterile  
 as it is probably that  
 form.

8377 *Phalaris amabilis*  
 Near stream, common  
 Rare.

8378 *Deschampsia cespitosa*  
 Along stream. Rare

8379 *Poa palustris*  
 Along stream, common  
 same as 8378

8380 *Poa pratensis*  
 Sand along slough

8381 *Hordeum vulgare*  
 Along  
 Voluble along road

8382 *Aster ageratoides*  
 Along ditch

8383 *Allopecurus*  
 Along ditch in marsh

8384 *Lolium perenne*  
 Along wall of barn. Rare.

8385 *Urtica*  
 Along ditch

8386 *Calamagrostis canadensis*  
 Low ground in flat woods  
 level soil of barn,  
 soil

8387 *Calamagrostis hyperborea*  
 Low ground ditto but

8388 *Calamagrostis hyperborea*  
 Low ground ditto but



The above was  
 the only paper found  
 on the 3rd of  
 the 1st of

1879 Calcutta  
 In the last half of the  
 last of the year  
 of the year  
 of the year

85-90 Beckman America  
30  
along side of car. Tank  
and hand of car.  
Sal

4581 *Bryoloma* *serotina*  
O. C. *serotina*  
Linn. *serotina*

*Ardeum rotundum*  
det. H. G. S.

4583 *Hordern jubatum*  
~~*viride*~~  
a short caudex - fern

1. *Hydrocotyle* - *Hydrocotyle*  
 2. *Hydrocotyle* - *Hydrocotyle*  
 3. *Hydrocotyle* - *Hydrocotyle*  
 4. *Hydrocotyle* - *Hydrocotyle*  
 5. *Hydrocotyle* - *Hydrocotyle*  
 6. *Hydrocotyle* - *Hydrocotyle*  
 7. *Hydrocotyle* - *Hydrocotyle*  
 8. *Hydrocotyle* - *Hydrocotyle*  
 9. *Hydrocotyle* - *Hydrocotyle*  
 10. *Hydrocotyle* - *Hydrocotyle*

4573 - *Phormium tenax*  
In a few words  
the whole of the  
plant is a very  
fine green  
and the leaves  
are very  
long and  
narrow and  
the whole  
plant is  
very  
tender.

594 *Parutellaria grandis*  
*Parutellaria* *Parutellaria*  
 Open Swampy place, near  
 See

557 *Calamagrostis purpurasc.*  
Dry open woods  
common - scattered  
S.W.



Calamagrostis canadensis  
4598 Calamagrostis pulchra  
open boggy soil  
Chickadee, Aug 7

4599 Calamagrostis pulchra  
ditto Aug 7

4600 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7

4601 Calamagrostis pulchra  
open woods near Fox  
This is the form which  
differs from the  
canadensis. Differs in  
having a lobed anther  
(cfr. anther). Perianth  
yellow-green, not at all  
stamens numerous from  
black narrow & short  
upper not lobed, but  
at an angle, nearly straight  
on the sides, 1000 to 1500  
fl. This is very common  
dominant.

4602 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4603 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4604 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4605 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4606 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7

4607 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4608 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4609 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4610 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7

4611 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4612 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4613 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7

4614 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4615 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4616 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7

4617 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4618 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4619 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7  
4620 Calamagrostis pulchra  
ditto, one spike much  
differs Aug 7



Carla ...  
Poa ...  
Set

4607 Poa ...  
Along ...  
Aug 10

4608 ...  
Along ...  
Sandy ...

4609 Poa ...  
In yard, but on ...  
open ground, ...  
yellow ...  
land, ...  
Long, ...  
spreading ...  
usually ...  
all ...  
a single bunch,  
Set. fl. ...  
... culms rough

4610 Poa ...  
dotted, ...  
... of ...  
sft, brownish or ...  
culm flat at base  
sheaths also flat  
culms ...

4611 Poa ...  
Sandy soil along  
river. Soil of loose  
culms.

4612 Bromus ...  
along stream. Rare

4613 Festuca ...  
along river. ...  
scattered.

4614 Bromus ...  
Secalans  
along river

4615 Agropyron ...  
along river  
in sandy soil



leaves elongated, green  
at base, erect, glaucous  
one leaf, glaucous  
leaves, pubescent, cum  
glaucous, smooth, short  
stem stiff.

Agropyron  
[30] Agropyron  
leaves, erect, green  
bristles, erect, but  
glaucous, by stem, green  
glaucous, stiff, erect  
fls purplish, numerous  
ascending, leaves, pubescent

Puccinellia tenuiflora  
[30] Puccinellia  
leaves, erect, green  
glaucous, by stem, green  
glaucous, stiff, erect  
fls purplish, numerous  
ascending, leaves, pubescent

[30] Agropyron  
[30] Polypogon  
leaves, erect, green  
glaucous, by stem, green  
glaucous, stiff, erect  
fls purplish, numerous  
ascending, leaves, pubescent

Fort Gibson  
[30] [30]  
[30] [30]

620. [30]  
Along river in open  
ground

621 Puccinellia  
leaves

622 Hordeum puberulum  
leaves

623 Poa annua  
leaves

624 Agrostis  
leaves (erect)

625 Calamagrostis  
leaves

626 Calamagrostis  
leaves

627 Agropyron  
leaves



4630 *Agrostis*  
along river bank

4631 *Agrostis*  
along river bank

4632 *Poa*  
Woods along river

4633 *Poa*  
dell

4634 *Poa*  
open ground

4635 *Poa interior*  
Woods

4636 *Poa*  
Pebbly woods

4637 *Psidium*  
Bog

4638 *Deschampsia*  
Woods

4639 *Agrostis*  
open ground

4640 *Agrostis*  
along river bank

4641 *Poa*  
Stem

4642 *Poa*  
along bank from  
flower stalk open  
perish. same species  
as 4638

4643 *Puccinellia*  
on stem of a  
perennial plant. The  
stem is a small leafy  
erect stem. Open  
ground along river  
found only near lower

4644 *Poa*  
Woods



Agropyron americanum  
Agropyron

Cherry

10. May 1911  
Pacheco

have a few questions

[illegible]

Wanda Lutz

1/6/94 1900-1902

74  
 75  
 76  
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 99  
 100

For any

Cedar Point  
Street

Savastana Chorata

[illegible]

4649 6/17/1919

4679 *Agropyron sericeum*

*W. J. ...*

Colonial ...

650 Sandy bluff  
along river

105-1

Sanchez, Calif. Colver  
I have a  
C. ...

44-52

Sandy bluff along  
river, a loose to  
open prairie, some  
timber.

June 15, 1915

also with the 1000000

4643 Beechman's

14/1/60 *Horridum fulvum* 1000

1651 for Jan. 1652

✓ V. 6. 5 - *Puccinia* *...*

4656 *Agrostis hyemalis*



Arctostaphylos latifolia

4666 Carex canescens

4667 Poa interior

4668 Poa pratensis

4669 Alopecurus

4670 Poa pratensis

4671 Agropyron sericeum

4672 Agropyron

4673 Calamagrostis canadensis

4674 Bromus arcticus

4675 Phleum pratense

4676 Pectennia cruckeformis

4677 Pectennia

Agropyron

Kolltag Aug 15

4678 Deschampsia

4679 Agrostis

4680 Agrostis

4681 Agrostis

4682 Agrostis

4683 Agrostis

4684 Agrostis

4685 Agrostis

4686 Agrostis

4687 Agrostis

4688 Agrostis



4676 *Poa pratensis*

4677 *Calamagrostis canadensis*

Hol *Cross* *Am. lat.*

4680 *Calamagrostis*

4681 *Agrostis*

4682 *Calamagrostis*

4683 *Calamagrostis*

4684 *Poa pratensis*

4685 *Deschampsia cespitosa*

4686 *Agropyron periclymenum*

4687 *Lycopodium complanatum*

4688 *Deschampsia cespitosa*

*Andropogon* 17

~~*Andropogon*~~

*Andropogon*

*Andropogon*

*Andropogon*

4689 *Andropogon*

*Poa pratensis*

*Deschampsia cespitosa*

*Deschampsia cespitosa*

4690 *Agrostis borealis*

30 *Agrostis borealis*

along beach of edge of  
regulation. *Andropogon*  
or *Andropogon*



1st beach Aug 18/50

4696 *Hordeum boreale*

4697 *Hordeum perenne*

4698 *Lolium temulentum*

4699 *Poa annua*

4700 *Poa nuttalliana*

4701 *Deschampsia caespitosa*

4702 *Poa pratensis*

4703 *Poa pratensis*

4704 *Colona perfoliata*

4705 *Antennaria dioica*

4706 *Antennaria dioica*

4707 *Rhynchospora alba*

*Poa pratensis*

on

*Poa pratensis*

*Poa pratensis*

*Poa pratensis*

*Poa pratensis*

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*Poa pratensis*

*Poa pratensis*

*Poa pratensis*

*Poa pratensis*



*Elymus arvensis*

72

4717 *Oryza sativa*

4717

*Oryza sativa*

*Oryza sativa*

4720 *Poa pratensis*

4720 *Poa pratensis*

4721 *Elymus arvensis*

4722 *Festuca ulicola*

4723 *Festuca rubra*

*Calamagrostis*

72

*Calamagrostis*

*Calamagrostis*

77

*Calamagrostis*

725

*Calamagrostis*

725

*Arctagrostis latifolia*

730

*Poa interior*

731

*Saragradella*

732

*Poa eminens*



Saxatana pauciflora

1763

Common

Common

1764

Poa annua

Common

Poa annua

1765

Agrostis

Common

Common

1766

Deschampsia

Common

Common

1767

Poa pratensis

Common

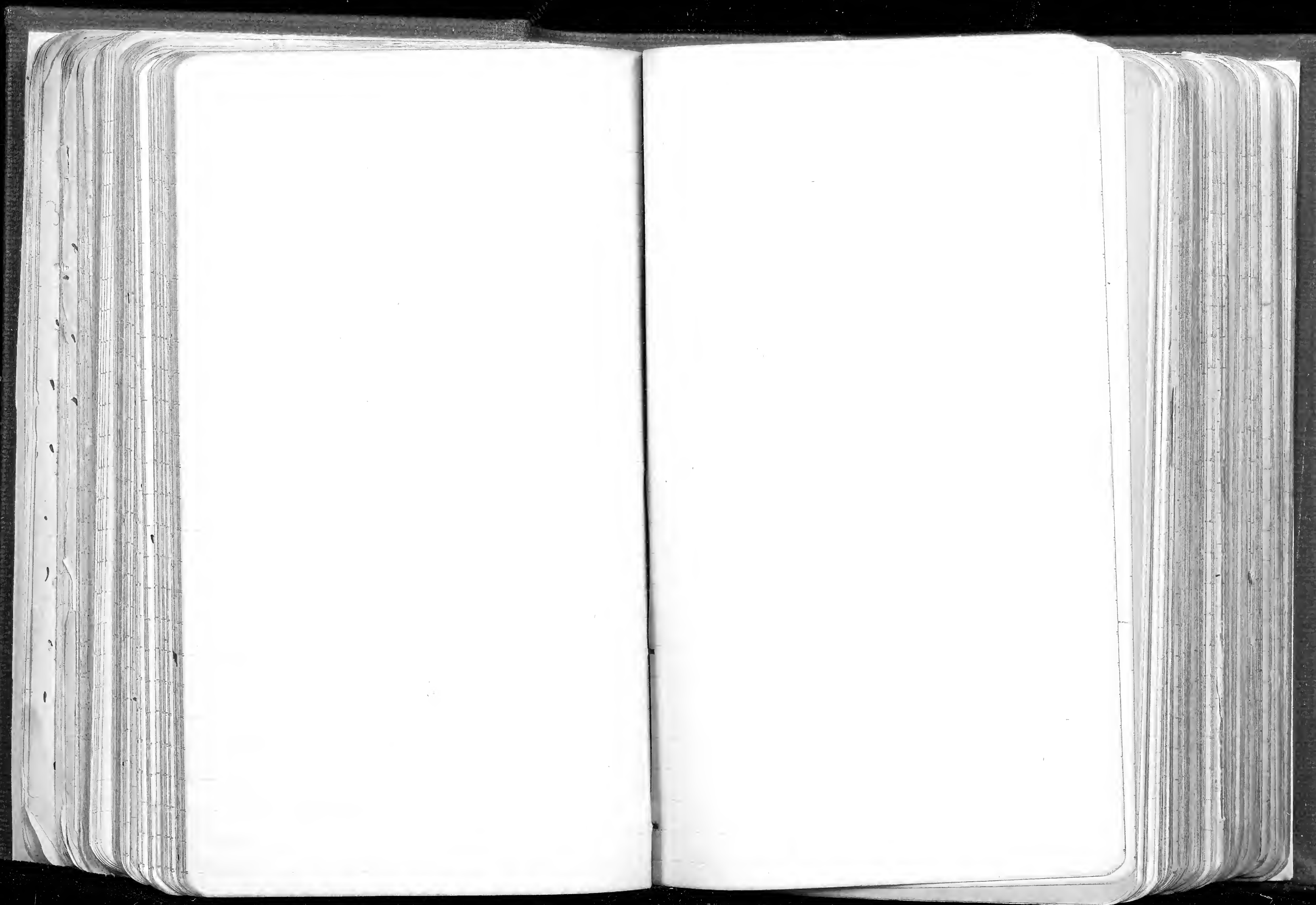
1768

Agrostis

Common

Common







May 12000 per in at Rampart  
one hour and  
yesterday 5

Perhaps sent  
1 - June - June 30?  
2 - " July 9  
3 } Rampart - July 24 in one  
4 }  
5 }

7 } Fairbanks - Aug, 12.  
8 }  
9 }

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50 }

Shelly move Sept 18



Sets of 30.

4096 *Trisetum spicatum*

4097 *Poa alpina*.

4105 *Festuca ovina* - *fusca*

4061 *Phleum alpinum* - "

4587 *Calamagrostis canadensis*

4588 *Calamagrostis*  
45-40 *Reckmannia cruciformis*

45-95 *Bromus*

4594 *Panicum americanum*

4597 *Calamagrostis* - *canadensis*

4604 *E. neglecta*

4609 *Poa annua*

4610 *Poa trivialis*

4615 *Agropyron* - *perenne*

4616 *Agropyron* - *perenne*

4617 *Agropyron* - *perenne*

4618 *Agropyron* - *perenne*

4619 *Agropyron* - *perenne*

1909

(7)

book II

21- } Seeds: Luba 9/29

4739 - 5130



4

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4



*Brachypodium pinnatifidum*

*Brachypodium pinnatifidum*

*Poa pratensis*

*Hordeum cary*

*Agrostis alba*

*Solium multiflorum*

*Solium multiflorum*

*Phleum pratense*

*Poa pratensis*

*Thinopyrum*  
glanum form 3  
different green  
color form



*Dactyloctenium aegyptium*

*Setaria verticillata*

*Setaria verticillata*

*Setaria verticillata*  
3000 ft. on hillside  
near the top of the hill

*Bromus unioloides*

*Bromus unioloides*

*Bromus unioloides*

Aug 21

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Agrostis sp.*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

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*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*

*Poa arctica*



*Deschampsia caespitosa*

*Arctagrostis latifolia*

*Poa pratensis*

*Arctagrostis latifolia*

*Poa pratensis*

*Poa pratensis*

*Arctagrostis latifolia*

*Deschampsia caespitosa*  
*caespitosa*

*Calamagrostis canadensis*

777

*Poa alpina*

*Arctagrostis latifolia*

777

*Calamagrostis canadensis*



*Poa arctica*

*Poa pratensis*

*Poa pratensis*

*Poa pratensis*

*Agropyron*

*Distyca*

*Distyca*

*Allopecurus*

*Allopecurus*

*Allopecurus*

*Distyca arctica*

on hillside along ditch

*Champeria aspitosa*

*Calamagrostis*

*Calamagrostis*

*Prorhiza arctica*

along ditch, also on hillside in protected places

4780 *Prorhiza* on hillside top of hill

4781 *Calamagrostis latifolia* along ditch

4792 *Poa pratensis* along street, large bunches near house, not in flower



4793 Bromus hordeaceus  
Vagant det.

4794 Poa annua  
Lace fls.  
Vagant det.

4795 Aristida  
Lace fls.  
Vagant det.

4796 Aristida latifolia  
Lace fls.  
Vagant det.

4797 Aristida latifolia  
Lace fls.  
Vagant det.

Aug 22

4798 Poa annua  
Same place

4799 Festuca rubra  
Lace fls.  
Same place

4800 Poa arctica  
Mossy tundra

4801 Aristida latifolia  
Lace fls.  
Vagant det.

4802 Festuca rubra  
Lace fls.  
Vagant det.

4803 Elymus mollis  
Lace fls.  
Vagant det.

4804 Poa annua  
Lace fls.  
Vagant det.

4805 Bromus tectorum nudus  
Lace fls.  
Vagant det.

4806 Bromus tectorum nudus  
Lace fls.  
Vagant det.

4807 Festuca rubra  
Lace fls.  
Vagant det.

4808 Festuca rubra  
Lace fls.  
Vagant det.



30

*Calamagrostis canadensis*

30

*Calamagrostis canadensis*

30

Cedar Creek  
Stock farm

*Anticarsus* *Anticarsus*

*Prunella vulgaris*

Yours truly  
Edw. L. B. Linn  
June 10, 1887

Deputy Secretary of State  
Washington, D.C.

From each of the  
the plane,

John Campbell  
John Campbell  
Paul Campbell

April 20  
Salem, Mass.

*Poeticus*



8000 Argemone  
Semi-Cane

KC 2 - Collected by [unclear]  
[unclear] [unclear]

X62. *Calamagrostis*  
Saxifraga

*Ulaganatis barakata*

30

4623  
30

Thrombus 2000-12-12-19.

Agrostis

4825 *Poa interior* Rydb.  
P.O. ~~barnebyi~~  
along P.

*Alapsecurus alpinus*

100. *Phytolacca*

For psittacine's.

*Pro pratensis* L.



*Deschampsia caespitosa*

*Poa polytricha*

*Poa wrightii*

*Poa wrightii*

30

*Poa compressa*

Along shore

*Bromus inermis*

In vacant lot

*Poa arctica vivipara*

30

*Deschampsia caespitosa*

30

*Poa polytricha*

*Agrostis borealis*

*Poa leptocoma* Trin.

4844 1/2

*Agrostis borealis*



Savastana alpina

Poa alpina

Savastana alpina

Savastana alpina

4848

30

Poa alpina  
Sandy open field  
base of beach  
Tallish culms to  
immovability and  
some stalks

Poa alpina

Sand beach

Deschampsia cespitosa, edulis

4848

Deschampsia cespitosa  
Near beach Sept 1

4849

Deschampsia cespitosa  
Along stream

4850

Deschampsia cespitosa  
Along stream

Victoria B.C. Sept 13

4853

Agrostis maritima  
Thicket of shrubs  
among tall reeds etc.  
The same as the  
form that I found.  
In open places the  
plants spread to form  
one runners. Probably  
the same as the ones  
Bay Agrostis

4854

Agrostis hyemalis  
Here like a rich  
moorland, now  
quite dry. Large



branches, they above  
1/4 in. small, brown  
in diameter 7 ft tall.  
+ Panicle as much as  
15 inches

4055 *Agave* *lucida*  
leaves, 10 inches  
small, 3 colored normal  
life as usual

4056 *Agave*  
Stems

4057 *Agave*  
leaves

4058 *Agave*  
Dry, leaves

4059 *Agave*  
Dry, leaves

4060 *Agave* *glauca*  
Cepes

4061 *Agave* *glauca*

Low ground

Stems

4062 *Agave* *glauca*  
Along roadside

4063 *Agave*  
Along roadside

4064 *Agave* *glauca*  
Along dry creek

4065 *Agave* *glauca*  
probable depression  
= 4053 Along road  
in new ground, Presidio  
+ forming long runners.  
Much of it is sterile.

4066 *Agave* *glauca*  
Presidio

4067 *Agave* *glauca*  
Along road. An infertile  
form.



4069 Parthenoclon  
along beach

4070 *Acetabularia*  
along top of bank  
back of beach, West Bay

4071 *Poa*  
along slope of bank  
back of beach.  
foliage stiff & glaucous

4072 *Elodea*  
Shrub from bank  
of beach

4073 *Distichlis*  
thrust in salt. Stand  
and only

4074 *Panicum*  
Scamp gravel near beach

4075 *Agrostis microphylla*  
Scamp gravel near  
beach

4076 *Elodea*  
along beach

4077 *Poa annua*  
Gravel near beach

4078 *Elodea*  
thrust beach, light  
glaucous, foliage  
nearly white

4079 *Elodea*  
Scamp gravel, black  
very low

4080 *Acetabularia*  
A solitary one. Co. for  
prostrate, low bush  
on gravel near  
beach. Bush is small  
to 4 or 5 ft in diameter  
flat.

4081 *Agrostis maritima*  
A large ascending  
caulm from a bush  
growing in a shady clump



Pl. can. C. aff. crumey  
same as 8880

8881 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8883 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8884 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8885 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

Nos 8880 - 8885  
are all growing together

Pl. can. C. aff. crumey  
same as 8880

8886 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8887 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

Vancouver Sept 18  
Nos 8888 - 8900 in West Vancouver

8888 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8889 *Agrostis maritima*  
Open damp bank  
a few culms from  
a large bunch

8890 *Festuca rubra*  
Open damp bank  
a few culms from  
a large bunch

8891 *Trisetum*  
Cut off timberland



X892 *C. ...*  
after end of ...  
leaves. The ...  
bound ... lace ...  
hole ...

X893 *A. ...*  
leaves a ...  
plant

X894 *... ..*  
leaves

X895 *... ..*  
along ...

X896 *... ..*  
common in the ...  
Asph of ...  
furn ...  
this, but is ...  
not from a ...  
foliage at base. ...  
... ..

X897 *... ..*  
... ..

X898 *... ..*  
along road

X899 *... ..*  
old ... - not ...

X900 *... ..*  
along street near ...

X901 *Elymus glaucus*  
Stanley Park

X902 *Hordeum*  
Stanley Park ...  
beach. Not ...

X903 *A. ...*  
Stanley Park - ...



Columbia Falls, Mont.  
Sept 18

4904 *Poa compressa*  
Annual herb

4905 *Phragmites communis*  
Green 4. col. 5.

4906 *Elymus canadensis*  
Low woods

4907 *Ageratum* (alt.)  
Sandy, bank of river

4908 *Ageratum tenuifolium*  
Sandy woods near  
river.

4909 *Poa brevistylis*  
Sandy woods

4910 *Elymus glaucus*  
Low woods.

4911

*Stipa*

Dry open ground  
near river

4912 *Stipa*

ditto - tall & flower  
like 9511

4913 *Phragmites communis*

Along river bank

4914 *Deschampsia cespitosa*

Gravel of river  
bed

4915 *Poa*

Sandy woods

4916 *Poa*

Sandy woods - very  
like same as 9515.

4917 *Cinna latifolia*

Low river woods



4918 *A. purpurea*  
Cape. Sand. rough  
low woods, forming  
dense soil.

4919 *Trisetum*  
Low woods

4920 *Calamagrostis*  
Low woods

4921 *A. purpurea* ~~leaves~~  
~~Sandy slope near river~~  
~~Dry open field~~

4922 *A. purpurea* ~~leaves~~  
Wet place  
woods

4923 *Phlox arvensis*  
Along brook

4924 *Panicum americanum*  
Along brook

4925 *Panicum americanum*  
Marsh

4926 *Panicum americanum*  
Along brook

4927 *Alopecurus fulens*  
Along brook

4928 *A. purpurea* ~~leaves~~  
Along brook

4929 *Beckmannia*  
Along brook

4930 *A. purpurea* ~~leaves~~  
Along brook

4931 *A. purpurea* ~~leaves~~  
Dry open ground

4932 *Panicum capillare*  
Stubble field

4933 *A. purpurea* ~~leaves~~  
Dry woods

4934 *Setaria*  
Along my track



4935 *Herbertus pubescens*  
Dry ground

4936 *Agropyron spicatum*  
Dry open ground

4937 *Stipa minor* = 4911  
Dry open woods

4938 *Calamagrostis*  
Dry open woods

4939 *Stipa*  
Dry open woods = 4912

4940 *Stipa* (occident.)  
Dry open woods

4941 *Agropyron Michxianum*  
Dry open woods.  
Probably only a form  
of *A. caninum* but  
seen on side.

4942 *Agrop. spicatum*  
Dry open ground

4943 *Agrop. tenerum*  
Dry open woods

4944 *Agrop. caninum?*  
Dry open woods

4945 *Sanicula*  
Dry open from woods

4946 *Stipa*  
Humid place in  
dry woods

4947 *Helianthus*  
Dry open ground

4948 *Agrop. (divergens?)*  
Dry slope

4949 *Agrop. spicatum*  
Dry slope  
dich. & form 4948 mixed  
with *Chen.*



Leedsbridge Alb.  
Sept 9

4950 *Oxyopsis hymenocladus*  
Dry hill

4951 *Sorghum jubatum*  
Bottom of ravine

4952 *Bouteloua*  
Dry hill

4953 *Bromus inermis*  
Along ditch

4954 *Stipa annua*  
Hill side

4955 *Elymus condensatus*  
Single ravine

4956 *Agropyron*  
Sandy bank of river  
[mostly in form of  
a monoculture]

4957

*Elymus*  
Dry hill

*Sporobolus cryptandrus*  
Same along river

4958

*Agropyron*  
Common on bottom  
land in all places

4959

*Koeleria cristata* (L.) Pers.  
Dry hill

4960

*Agropyron* (Common?)  
Dry hill in ravine

4961

*Elymus virginicus*  
Bottom land

4962

*Elymus canadensis*  
Ravine on hillside

4963

*Stipa comata*  
Dry hill



554 - *A. polygama*  
Common in meadow  
Tall slender, stem  
climber, flowers  
white, yellow. Prairie  
of limestone

555 - *A. polygama* *Canadensis*  
Rougher leaves

556 - *A. polygama*  
Tall slender, stem  
climber, flowers  
white, yellow. Prairie  
of limestone

557 - *Spergularia*  
Dry hill

558 - *Calamagrostis*  
Dry hill

See nos. 5070 - 5080

5040 to 5046 follow here

Calgary Sept 20

570 - *Hordeum jubatum*  
Common on open  
ground & a weed in fields

571 - *Poa reflexa*  
Along Ry

572 - *Stipa arida*  
Prairie along Ry, <sup>readily</sup> ~~not~~

573 - *A. polygama* *Canadensis*  
Prairie along Ry

574 - *A. polygama* (Rough)  
Prairie along Ry, <sup>black</sup> ~~black~~  
Stems: round stalks, glaucous

575 - *Calamagrostis*  
Prairie along Ry

576 - *Kochia*  
Dry prairie



4977 *Muhlenbergia* <sup>in new</sup>  
Dry place along Rydell

4978 *Muhlenbergia*  
dotted line in lawn  
ground forming a row

4979 *Bouteloua*  
New dry soil along Ry  
common on dry prairie  
forming large clumps

4980 *Bromus secalinus*  
along Ry bank

4981 *Calamagrostis*  
Dry soil along Ry  
Blacks flat

4982 *Lycopodium*  
Paceum

4983 *Poa nemoralis*  
Along Ry dry soil

4984 *Alopecurus Richii*  
Dry soil.

4985 *Phalaris arundinacea*  
Ditch along Ry

4986 *Bromus nemoralis*  
Along Ry

4987 *Poa* (pratensis?)  
Low ground along Ry

4988 *Calamagrostis*  
Low ground along Ry  
affinity = 4975

4989 *Dicentra caespitosa*  
Low ground along Ry  
common in low ground

4990 *Elymus canadensis*  
Low ground along Ry

4991 *Alopecurus* ~~semiterres~~



4591 *Agropyron*  
Low ground along river

4592 *Agropyron*  
Low ground along river  
flamens

4593 *Calamagrostis canadensis*  
Cape near river

4594 *Phytolacca (canadensis?)*  
Bluff along river

4595 *Agropyron (flamens?)*  
Sandy clay bluff

4596 *Poa (Porteri?)*  
Sandy-clay bluff

Baruff Sept 21

4597 *Poa*  
Ditch in woods  
along road  
don't think this  
is blue grass

4598 *Poa nemoralis*  
ditch

4599 *Agrostis bicolor*  
ditch

50  
~~4600~~ *Poa alpina*  
ditch

50  
4601 *Agrostis exarata*  
ditch, grassy slope

50  
4602 *Agrostis canina*  
ditch

50  
4603 *Deschampsia cesp.*  
ditch, 1/2 bush



5000 *Styrium* *Styrium* *Styrium*

along the shore  
very common over the  
ground in the marshes  
The shrub grows to 1000  
ft. tall in open.

5001 *Poa compressa*  
along the shore

5002 *Poa (Kewellii?)*  
ditto along shore  
common in marshes

5003 *Calluna vulgaris*  
ditto, long, slender

5004 *Poa triflora*  
ditto

5005 *Festuca (ovina?)*  
ditto

5006 *Poa*  
ditto [proba - 5997]

5007 *Styrium* *Styrium* *Styrium*

5008 *Styrium* *Styrium*  
ditto

5009 *Styrium* *Styrium* (*Styrium*)  
ditto

5010 *Styrium* *Styrium*  
ditto

5011 *Calluna vulgaris*  
Rock, marshes above  
barff.

5012 *Broom*  
ditto

5013 *Panicum <sup>nervata</sup> panicum*  
along shore.

5014 *Ardenia jubatum*  
Rock in - common



5019 *Colocynthis* <sup>var. E.</sup>  
Open grassy ~~land~~ along  
river

5020 *Puccinellia* (diversa)  
Shrub

5021 *Agropyron caninum*  
Open grassy area

5022 *Thalictrum*  
Open grassy

5023 *Elymus* (diversa)  
Along stream

5024 *Colocynthis*  
Open grassy area

5025 *Agropyron* <sup>var. E.</sup>  
Along stream

5026 *Elymus* <sup>var. E.</sup>  
Prairie

5027 *Agropyron* <sup>diversa</sup>  
Prairie

5028 *Colocynthis* <sup>var. E.</sup>  
Marsh

5029 *Agropyron* <sup>var. E.</sup>  
Grass along creek

5030 *Colocynthis*  
Marsh - 5019 (or 5028)

5031 *Colocynthis*  
Low poplar woods

5032 *Elymus*  
Border of marsh

5033 *Koeleria*  
Low poplar woods

5034 *Colocynthis*  
Marsh



5035 *Shiga* (Catabanaran)  
Low Piplan around

5036 *Poa uranula* <sup>rales</sup>  
Gravel bluff

5037 *Trisetum*  
Gravel bluff

5038 *Agropyron* (Catabanaran)  
Gravel bluff

5039 *Calamagrostis*  
Rocky woods

Leethbridge Sept 22

5040 *Poa patens* L  
Along ditch

5041 *Poa compressa* L  
Along ditch

5042 *Agrostis* *hemialis* (Muhl.)  
BSP  
Along ditch

5043 *Beckmannia* *eruciformis*  
Along ditch

5044 *Calamagrostis*  
Along ditch

5045 *Agropyron* *spicatum* (Pursh)  
Ryan  
Along ditch

5046 *Agropyron* *caninum* L  
Along street



Swains Lake Sept 28-0

5047 *Meibomia*  
Gravel  
along lake

5058 *Sphenopholis*

5059 *Andropogon scoparius*  
clashes  
Michx

5060 *Panicum barbpulvinatum*  
Nash

5061 *Sporobolus airoides*  
dull

5062 *Elymus canadensis*  
dull

5063 *Spartina Michauxiana*  
clashes  
Hitchc

5064 *Phragmites phragmites*  
clashes  
one piece of horizontal  
wood

5065 *Phragmites*  
all the  
mud are...  
...  
...  
...

5066 *Phragmites lacinioides*  
dull

5067 *Calamagrostis*  
dull

5068 *Phragmites*  
dull

5069 *Phragmites spicata (L.) Greene*  
dull

5070 *Poa triflora* silih  
low by marsh

5071 *Muhlenbergia palifera*  
of thin & box clods  
along lake. (low)



5062 *Elymus virginicus*  
dell

5063 *Elymus striatus*  
dell

5064 *Elymus glaucus*  
dell. Lake, glaucus  
[Stalk very long  
& downy  
back on culm]

5065 *Proseris*  
dell

5066 *Syntherisma*  
dell

5067 *Andropogon furcatus* Michx.  
Prairie

5068 *Agropyron pseudop*  
Prairie

5069 *Agrop caninum*  
Prairie

5070 *grostis hiemalis* (Walt)  
BSF

5071 *Agropyron*  
Prairie - common

5072 *Elymus macounii*  
Prairie

5073 *Elymus megastachya*  
[?] along Bay

5074 *Calamagrostis*  
Prairie - 5057

5075 *Sporobolus corymbosus*  
Same along Lake

5076 *Sporobolus Michauxiana* Hitchc.  
= 5053 [Stems, variolous  
pinnules]

5077 *Spartina*  
Same along Lake. May be  
same as 5053. A single plant  
seen. Growing near S. Mich.



5078. *Phragmites phragmites*  
A slender plant growing  
in sand along lake. (Loburn)  
Achenes, compressed, trigonous

Bendish Sept 24

5079. *Phragmites phragmites*  
A slender plant growing  
along lake (Loburn)

5080. *Agrostis canina*  
det. L.

5081. *Agrostis canina*  
det. L. very by lake

5082. *Hordeum jubatum*  
det. (5078) open ground

5083. *Pinus barbi-pulvinatum*  
Nash  
det. L.

5084. *Calamagrostis canadensis*  
det. L. open ground

5085. *Bromus*  
det. L. - several seeds

5086. *Agrostis linearis*  
along Ry



5087 *Pennisetum* <sup>canadense</sup>  
dille

5088 *Elymus canadensis*  
a little to the

5089 *Chenopodium* <sup>sp.</sup>  
dille

5090 *Ch. sp.*  
dille

5091 *A. sp.* <sup>non</sup> *occid.*  
dille

5092 *Poa compressa*  
dille

Adelaid Wis Sept 27

5093 *Verbena procumbens*  
Along Ry cut

5094 *A. sp.* *repens*  
Along Ry bank

5095 *Verbena filiformis*  
Along Ry

5096 *A. sp.* *tenerum*  
Along Ry

5097 *Elymus canadensis*  
Along Ry

5098 *Hordeum jubatum*  
dille

5099 *Pennisetum capillare*  
dille

5100 *Poa trivialis*  
dille



5101 *Poa compressa*  
delta

5102 *Aquilegia leucanthemum*  
delta

5103 *Aquilegia scopulorum*  
delta, somewhat  
curved.

5104 *Aquilegia occidentalis*  
delta

5105 *Phlox*  
Muralis *Ravens*

5106 *Phlox*  
along track (probably)  
same as 5105

5107 *Colinus*  
dry grassy area  
forming small patches  
of considerable area  
[Probably *C. caeruleus*]

5108 *Salix laevis*  
delta, small tree

5109 *Salix laevis*  
along edge of  
Santhonia

5110 *Salix laevis*  
delta

5111 *Salix laevis*  
capillare L.  
[Probably *P. capillare* but small &  
narrow-leaved]

5112 *Poa annua*  
along street



Houghton Road  
Sept 28

5713 *Danthonia*  
Open ground in  
woods

5714 *Ligustrum* *altissimum*  
Along by

5715 *Poa compressa*  
Along by

5716 *Poa rugeloni*  
Open woods

5717 *Cyperus*  
Wet swals in shady  
open woods

5718 *Agrostis* *peruviana*  
Shady woods

5719 *Avena* *smithii*?  
Rich woods, shady

5720 *Pharus*  
Low meadows among  
brush

5721 *Pharus* <sup>undulata</sup> *arundinacea*  
Swamps

5722 *Panicum* *capillare*  
Swamps

5723 *Calamagrostis* *canadensis*  
Along edge of marsh  
woods

5724 *Ligustrum* *peruviana*  
Along edge of swamp  
woods

5725 *Poa* *arvensis*  
Along road

5726 *Cyperus*  
Edge of marsh in shade

5727 *Agrostis* *peruviana*  
Marsh



5128' *Elymus Canadensis*  
leaves among  
shrubs

5129' *E. Canadensis*  
along sandy bank

5130' *Agropyron (repens?)*  
along dry bank  
silt. before ground

sets

4807

4808

4812

4813

4824

4825-

4829

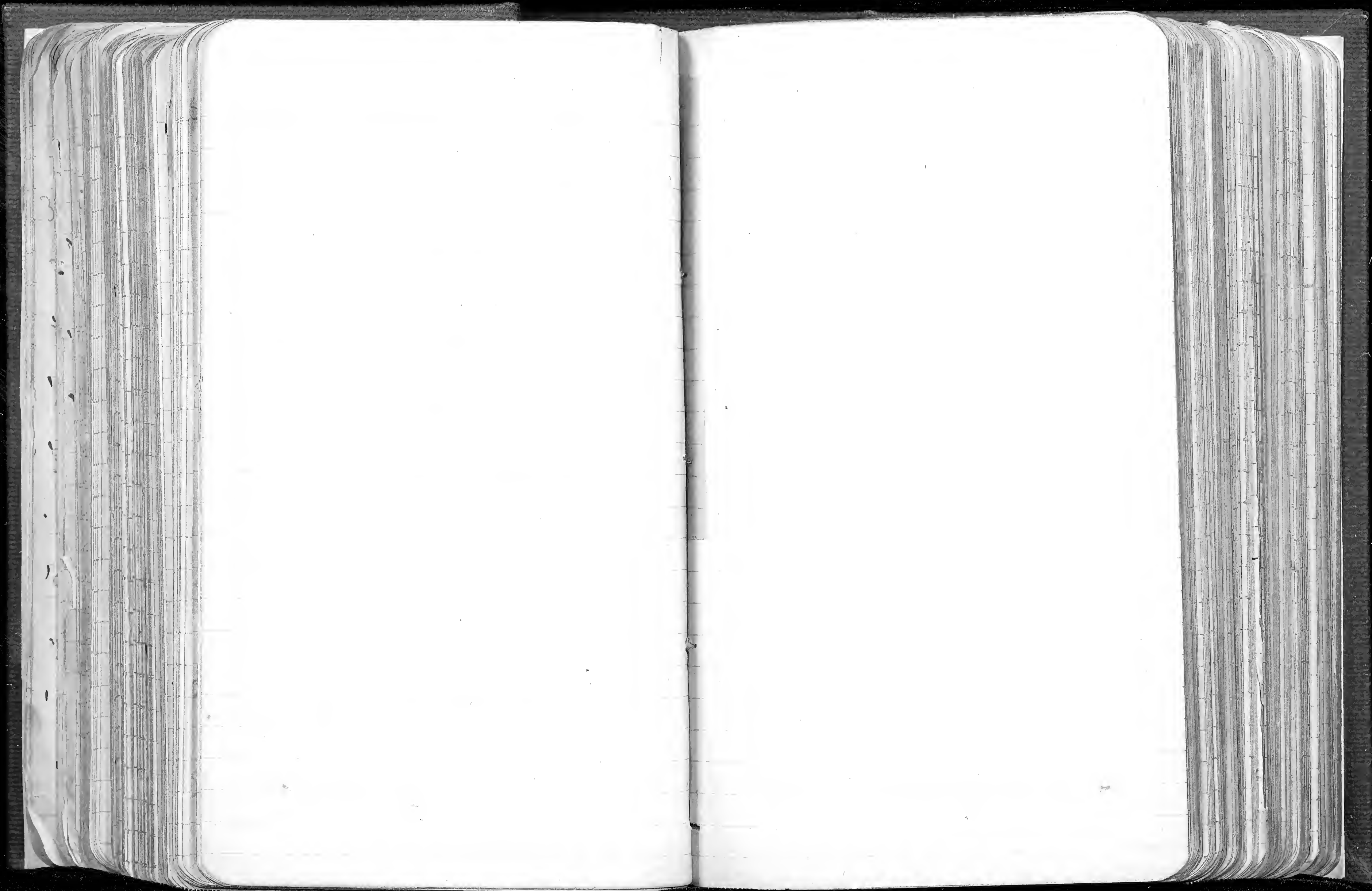
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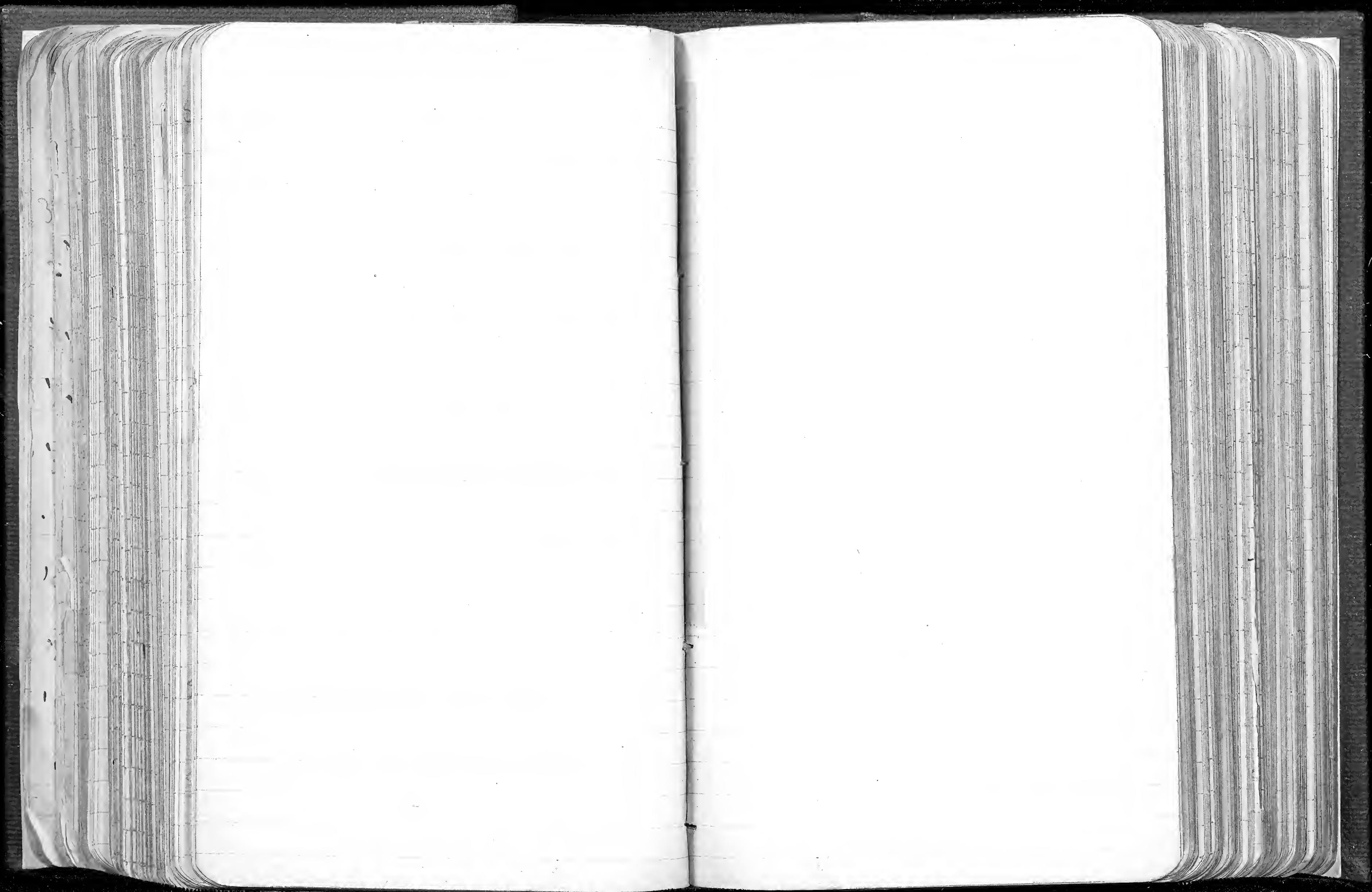
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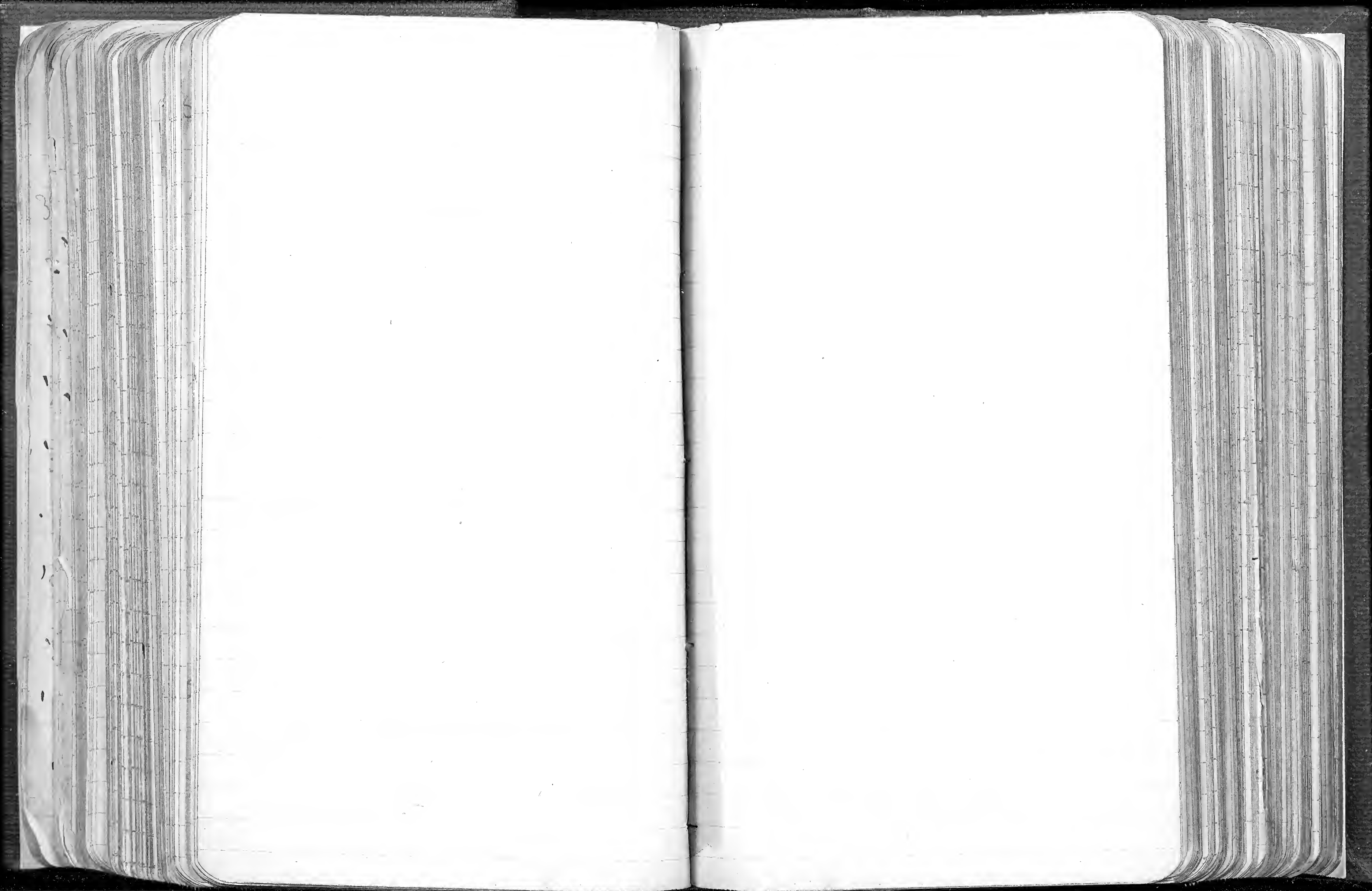




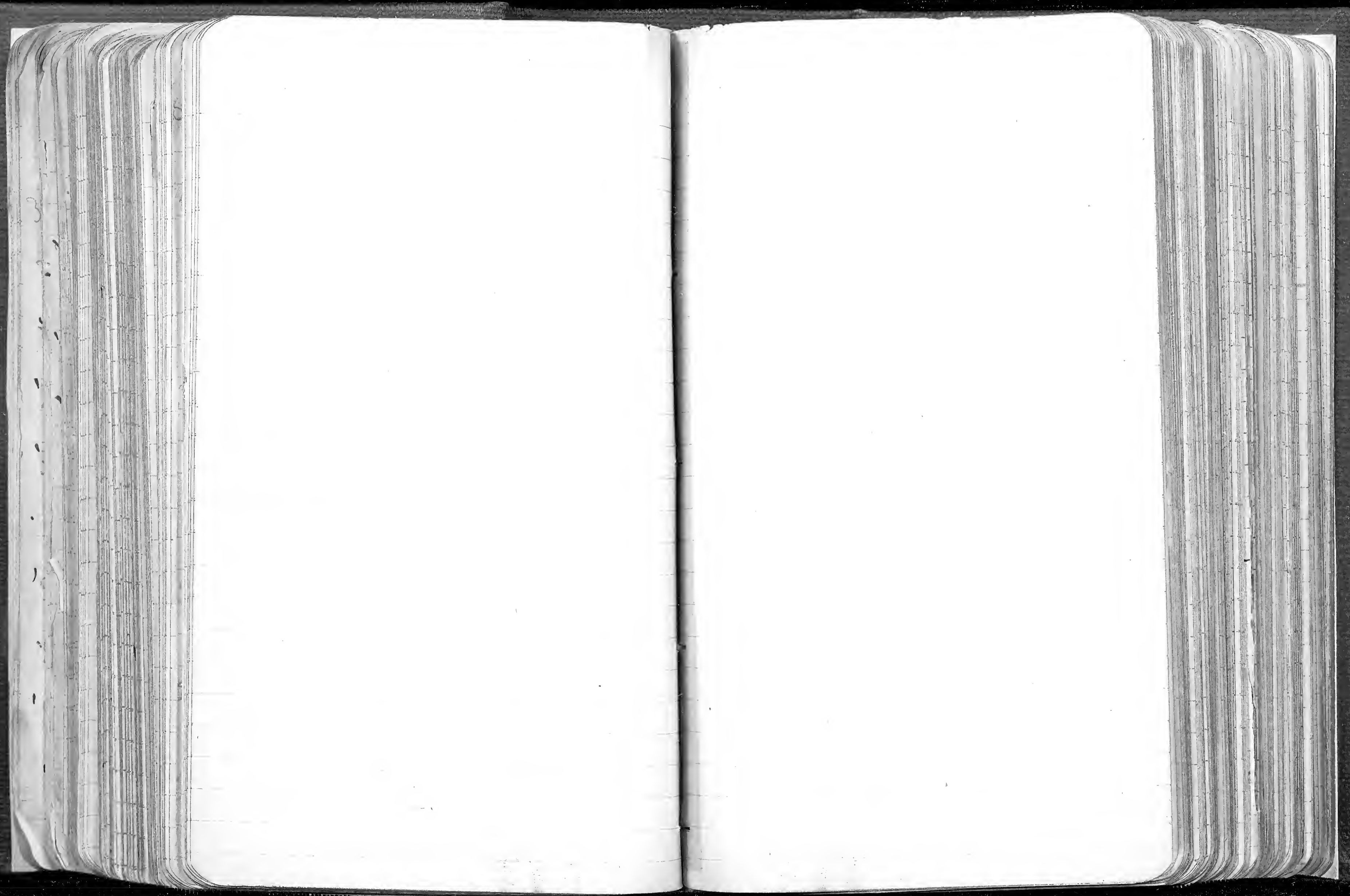














1910

Book 1

5131 - 5918

PLANTS OF TEXAS

*Tamium*  
erect  
rocky woods

Alt.  
5284 A. S. HITCHCOCK, Collector

KERRVILLE  
June 22, 1910

PLANTS OF TEXAS

*Eragrostis*  
weed in garden, rare

Alt.  
5156 A. S. HITCHCOCK, Collector

SAN ANTONIO  
June 18-24, 1910



PLANTS OF TEXAS

*Panicum scribnerianum*  
Nash  
Sandy prairie

Alt.  
5470 A. S. Hitchcock, Collector

SARITA  
June 27, 1910

San Antonio Tex  
June 18-1910  
W. J. F. ...

5-13 *Chlorochloa umbellata*  
1 In large bunches, along  
dry ditch. Culms erect  
spreading. Foliage flat  
green. Bluish green. No  
seed but no rootlets

5-13 *Chlorochloa umbellata*  
1 Large clumps along  
dry ditch. Culms erect  
spreading, from  
in somewhat greenish  
base. Perennial but no  
rootlets

5-133 *Bouteloua aristata*  
2 Dry prairie, along road  
along ...

5-34 *Andropogon scoparius*  
4 Dry prairie, along road.  
Stems, 2 feet to 3 feet



5/33 *Cladonia*

3 Dry grassy open soil

5/33 1/2 *Bouteloua*

5/34 *Bouteloua trifida*

3 Dry grassy along  
road *Bouteloua?*

5/37 *Artemisia*

3 Dry grassy large sparse  
bushes, perennial

5/38 *Sloanea umbellata*

3 Dry grassy, long  
spreading branches

5/39 *Hibiscus coccineus*

3 Dry grassy, young  
near *Bouteloua*

5/40 *Panicum fasciculatum*

✓ *chrysanthemum* along  
dry ditch, annual  
leaves flat or often  
rolled, soft pubescent  
Panicum, densely green

5/41 *Echinocloa*

along pond, in or near  
the water, leaves  
densely green. Ovaries  
subglobose, rough  
at base. Panicle branched  
opposite, curved,  
base of stem succulent  
round, densely glabrous

5/42 *Paspalum distachyum*

around pond, in or near  
the water. Culm blue-  
green. Long culms, above  
or below the surface of  
ground

5/43 *Panicum filipes*

2 Bank near pond.  
These specimens are also  
annual, herbaceous, from  
seed of perennial plants  
near. Small flowers, at  
first year



5/145 *Panicum* ~~sp.~~  
 with the ~~leaves~~  
 on ~~dry~~ ~~ground~~  
 Perennial. Leaves ~~from~~  
 dry, ~~scattered~~ ~~leaves~~  
 // ~~sp.~~ ~~of~~ ~~P. hirtellum~~  
 // ~~leaves~~ ~~in~~ ~~small~~ ~~clumps~~  
~~and~~ ~~leaves~~ ~~3~~ ~~per~~ ~~are~~  
 dry ~~masses~~.

5/145 *Lepidobolus* <sup>*filiformis*</sup> ~~sp.~~  
 perennials. The ~~leaves~~  
 are ~~proportionally~~ ~~small~~  
 thin in the ~~middle~~  
 young & ~~the~~ ~~glabrous~~  
~~perennial~~ ~~leaves~~  
~~in~~ ~~the~~ ~~middle~~  
~~near~~ ~~some~~ ~~along~~  
~~perennial~~ ~~growing~~ ~~in~~  
 5/146

5/146 *Paspalum* *hallii*?  
 // ~~Along~~ ~~pond~~ ~~in~~ ~~a~~  
 // ~~pool~~ ~~soil~~ ~~adobe~~ ~~dry~~  
~~leaves~~ ~~base~~ ~~creeping~~ ~~along~~  
 ascending. Color blue green

5/147 *Panicum* *hispidum*?  
 Cereals in ~~field~~  
 5/148 *Lepidobolus* ~~sp.~~  
 // ~~leaves~~ ~~near~~ ~~pond~~  
 5/149 *Panicum* *sp.* ~~chart.~~  
 a ~~branch~~ ~~from~~ ~~flower~~  
 soil, blades rolled up

5/150 *Chloris* (*elegans*)  
 2 Dry ditch - ~~adobe~~ ~~soil~~

5/151 *Eragrostis* *megastachya*  
 2 A weed in garden.

5/152 *Lepidobolus* ~~sp.~~  
 // ~~leaves~~ ~~in~~ ~~garden~~  
 // ~~Part~~ ~~of~~ ~~a~~ ~~large~~ ~~bush~~

5/153 *Sporobolus* (*capillaris*)  
 // ~~leaves~~ ~~in~~ ~~garden~~

5/154 *Cenchrus* ~~sp.~~  
 // ~~a~~ ~~weed~~ ~~in~~ ~~garden~~  
 looks different from *C. ciliaris*







2 *Panicum capillare*  
along edge of field  
forming low clumps

5 *Panicum capillare*  
along edge of field

5167 *Panicum capillare*  
Large bunches in  
dry ditch.

5168 *Eleocharis acicularis*  
dry ditch

5169 *Andropogon scoparius*  
dry ditch

5170 *Fernandus*  
dry ditch in large  
bunches - difficult  
to dig.

5171 *Pennisetum purpureum*  
edge of field.

June 18

5172 *Syntherisma*  
2 Weeds around pond.

5173 *Panicum*  
2 Dry hollow

5174 *Panicum fasciculatum* <sup>Egineum</sup>  
1 Small, common  
corn field.

5175 *Panicum fasciculatum*  
2 pubescent, common in  
corn field. These have  
green, slender, sterile  
and looking like  
Brook ferns are common

5176 *Panicum filipes*  
3 A weed in corn field  
A large specimen

5177 *Panicum filipes*  
2 Dry old field. A  
small specimen



57

179 and 180

5/50 Enigma (Bicycle)

6. *Boerhaave* of *gland* *gland*  
*Boerhaave* *gland* *gland*  
*Boerhaave* *gland*

5161 Shreve

2. Redden, Henry

5752 *Orchidea humilis*

3. Haller, J. (1911) *Stam*

[illegible]

# Beach - 100 ft  
Rocks

5707 Nickel

3. Polen Gruppe

$\frac{1}{2}$  m. = 5' 6"

457 5/37

Hydrogen of pure water

4/5-5 Payne, L. L.

Went to garden

4155 *Aculeator*

1 along each = 1/2

145 Ben. 12-1-1880

4. See for example, *United States v. Gurnea*, 199 F.3d 1005, 1010 (9th Cir. 2000).

5790 *Eragrostis megastachya*

North 2nd St. 12

4/5/81 *Arise*

2 *Q. umbellata* = 5/851

5182 *Paspalum vaginatum*

2 Low dry ditch, circular  
erect, a dense frosty  
rosette or crown.



5193 *Arundo donax*  
2

New Braunfels June 1900

5194 *Slip. laciniata*  
Dry ground near  
mill.

5195 *5226* near the  
stone along stream

5195 *Urtica* *urens*  
1 Wood ground.

5196 *Euphorbia* *virginica*  
2 Wood ground

5197 *Poa* *berlandieri*  
2 Wood ground.

5198 *Paspalum*  
2 Along stone wall. Near  
house in second ground  
irrigated & mowed.

5199 *Polypodium* *color.*  
2

5200 *Polypodium* *color.*  
1 St. Louis.  
Along street.

5201 *Sium* *officinale*  
6 Along stream. Drying  
in clear water, but  
not in it.

5202 *Poa* *farinosa* *oblong.*  
4 Along stream.

5203 *Chaetochloa* *peruviana*  
2 Along stream

5204 *Poa* *peruviana*  
1 Along stream

5205 *Poa* *peruviana*  
1 Wood ground annual



5206 *Amelanchier canadensis*  
along Ry. track

5207 *Syrphochlamys sanguinea*  
along track

5208 *Parulica*  
dry bank

5209 *Arctostaphylos*  
dry bank

5210 *Arctostaphylos*  
dry bank

5211 *Arctostaphylos*  
dry bank

5212 *Elymus*  
Woods along stream

5213 *Elymus*  
Woods along stream  
Wich. 5212 but green  
very thick at base

5214 *Amelanchier*  
along stream

5215 *Amelanchier*  
along stream  
along Ry. track  
along stream  
along stream

5216 *Elymus*  
dry bank of stream  
- 5212

5217 *Elymus*  
dry bank - 5213

5218 *Amelanchier*  
along stream  
along stream

5219 *Elymus*  
along stream  
along stream

5220 *Elymus*  
along stream  
dry ground near stream



5-2-22  
1

521 - The ...  
1. ...  
...  
...  
...  
...  
...  
...  
...

5223 *Shorea*  
1 *egg plant*

5224 Magnolia  
along stream

6-2-25 Parula (canary yellow)  
# Rocky woods

6226 *Chaetochloa* *Chaetochloa*  
R. C. *Chaetochloa*

5227 *Elymus* (near virginicus)  
shady rocky bank

9/22 3/4 in. can. color  
 black, red, white  
 yellow, brown, 6 1/2 x 3 1/2 in.  
 1/2 in. thick, 1/2 color

5222 *Limnobia arkaniana* (Muth,  
~~Trans. Am. Ent. Soc.~~ New  
 1904) *Limnobia arkaniana* (Muth,  
 1904)

1250 *Z. p. p.*  
1 *p. p.*

6-23/ Pass. bell  
2 Red - ~~white~~

5232 *Chenopodium* *serotinum*  
2 *along banks of stream*

8233 *Musola paniculata* L.  
2 Bark of stem in wood

5238 *Poa. ciliata*  
2 Dry ground.

1235 - *Pass. fuscus* <sup>chartagines</sup>  
 2. *Junco*. *C. rufus*  
 3. *C. rufus*. *C. rufus*  
 4. *C. rufus*. *C. rufus*  
 5. *C. rufus*. *C. rufus*



523 *Campylaria*  
1 *W. ...*  
2 *Ch. ...*

5237 *Chaetochloa*  
2 *Edge of field*

5238 *Chloris*  
2 *Dry open ground*  
*Wet blue grass*  
*Wet blue grass*  
*Wet blue grass*

5239 *Panicum*  
1 *Wet in field*

5240 *Tropaeolum*  
1 *Edge of woods in river*

5241 *Panicum*  
1 *Dry ground*

5242 *Mousetail*  
1 *Dry ground*

5243 *Sporobolus*  
1 *Dry ground*

5244 *Eragrostis*  
1 *Along creek*

5245 *San Antonio*  
1 *Wet in field*

5246 *Tridax*  
1 *Along Ry*

5247 *Phaseolus*  
2 *Along Ry*

5248 *Eragrostis*  
1 *Along Ry*

5249 *Alopecurus setaceus*  
2 *Shady bank of stream*

5250 *Urtica*



5250 Panicum

3

Shady bank of stream

5251 Paspalum

1

Shady bank of stream

5252 Panicum

2

Shady bank of stream

5253 Muhlenbergia

2

Shady bank of stream

5254 Paspalum

2

Shady bank of stream

5255 Tripsacum

1

Shady bank of stream

5256 Gigaspermum

In bank of stream

5257 Arnica

Along stream forming

large clumps, the

flowers yellow

or from the flower stalks

+ I collected from shrub  
growth,

Terrebonne June 22

5258 Ceanothus

1

Along bank along  
street

5259 Stepa Ceanothus

1

Along bank along  
street

5260 Paspalum

1

Along street

5261 Panicum obtusum

1

Along street in  
dry ditch

5262 Hordeum

1

Along street

5263 Chenopodium vine

1

Along street



5246 *Chamaecrista* in large  
" *dry* *open* *area*  
Shrub

5247 *Chamaecrista*  
3 *dry* *open* *area*  
Shrub

5248 *Chamaecrista*  
4 *dry* *open* *area* Shrub  
Spills *near* *shrub*  
Shrub 5248

5249 *Chamaecrista* *longifolia*  
2 *Rocky* *woods*

5250 *Chamaecrista*  
2 *Rocky* *woods*

5251 *Chamaecrista* *filipes*  
1 *Rocky* *woods* *Shrub*

5252 *Chamaecrista* *filipes*?  
1 *Along* *road* *Prostr.*  
*Spreading* - *open* *ground*

5253 *Chamaecrista*  
1 *Wet* *along* *stream*

5254 *Chamaecrista*  
1 *Rocky* *woods*

5255 *Chamaecrista* *filipes*  
4 *Along* *dry* *rock*  
*Ravine* *in* *woods*

5256 *Chamaecrista*  
3 *Rocky* *woods*

5257 *Chamaecrista* *curtipendula*  
1 *Rocky* *woods*

5258 *Chamaecrista* *argentea*  
2 *Rocky* *woods*

5259 *Chamaecrista*  
3 *Rocky* *woods*

5260 *Chamaecrista*  
1 *Rocky* *open* *woods*



5279 *Panicum*  
great bunch rocky  
summit

5280 *Grass*  
open soft ground  
along road. common  
*Silene dioica*  
Fls. prostrate, annual

5281 *Ambrosia* *Sacchar*  
Rocky hill

5282 *Tridax* *arvensis*  
Rocky hill

5283 *Panicum* *recondensum*  
Rocky summit

5284 *Panicum* *halleri*?  
Rocky summit. Great  
bunches. Stone house

5285 *Panicum* *pedunculatum*  
Rocky summit

5286 *Eragrostis* *cucullata*  
much open woods

5287 *Eragrostis*  
open woods  
along road. common  
(large bunches)

5288 *Sporobolus* *cryptus*  
very common

5289 *Eragrostis* *canadensis*  
along  
stream

5290 *Panicum* *halleri*?  
open wet woods

5291 *Eragrostis*  
Rocky soil. Some  
edge of woods

[5283] *Chenopodium* *serotinum*  
small. Common. Slender  
nodding by dense growth  
somewhat common



527 *Tridax*  
3 Rock crevices

528 *Tridax*  
3 Along bank of  
stream. This also occurs

529 *Tridax*  
2 Dry open ground  
along creek

527 *Panicum* var. *Chenopodium*  
1 Along creek

528 *Panicum*  
1 Open ground along  
creek

529 *Tridax*  
1 Shady bank of creek  
rocky soil

529 *Agrostis* *horrida* *Charitagin*  
1 River bank - nearly  
summit

528 *Chacta* *hirsuta* (L.) *Scutellaria*  
2 Sandy, rocky  
open place. 50 ft.

300 *Tridax* *holosericea*  
2 Wet bank of river

301 *Tridax* *holosericea*  
2 Wet bank of river

302 *Tridax* *holosericea*  
1 Rocks in cleft

303 *Sphaeropholis*  
2 Under rocks along  
river

304 *Phalaris*  
1 Wet bank of river

305 *Panicum* *helleri*  
3 Sandy low woods - over  
flow land

306 *Panicum* *pedicellatum* *Var. angustifolium*  
1 Rock, bank of river



5303 Pan. ...  
3 ...

5308 Pan. ...  
4 ...  
...  
...  
...  
Rach. ...

5309 Glycyrrhiza ...  
4 ...  
...

5310 Glycyrrhiza ...  
2 ...

5311 Glycyrrhiza ...  
1 ...  
...  
this = 5310

5312 ...  
1 ...

...  
...

...  
...  
...

5313 ...  
...

5314 ...  
...

5315 ...  
...

Jan 23

5318 Pan. ...  
2 ...  
...



5319 *Sclerocaulis* *cole*

Open field, sandy soil, *Penstemon*  
*monensis*.

5320 *Panicum* *capillare*

Along the creek  
border of stream.

5321 *Quercus* *laevis*

Open ground.

San Antonio

June 25 - Seven founts  
of salt water ditch  
near south of San Antonio.

5322 *Cenchrus* *americanus*

Wet field.

5323 *Echinochloa* *crispata*

Moist ground along  
ditch = 5th, a large  
specimen.

532 *Cenchrus* *americanus*

Wet field, sandy soil.

5325 *Amelanchier* *canadensis*

Dry ground.

5326 *Paspalum* *cinereum*

Dry ditch.

5327 *Paspalum* *flavum*

Along several ditches  
large clumps. Color rust.

5328 *Valeriana* *saccharata*

Along road in marshy  
ground. Large perennial  
clumps.

5328½ *Valeriana* *saccharata*

Dry ground in prairie  
ditch.

5329 *Valeriana* *Hitchcockii* *same*

5330 *Panicum* *hirsutum*  
Dry ground - sandy soil,  
large spreading clumps  
5 inches - one foot diam.



5331 *Panicum* ~~reversum~~  
✓ Dry open ground  
along ditches. The  
leaves separate  
from the culms of the  
plant. ~~Common~~  
✓ *P. caudatum* in  
5330 ditches along  
road ditches.

✓ 5332 *Panicum* ~~terrestris~~  
✓ A weed in corn field.

✓ 5333 *Chloris* ~~acutiuscula~~  
✓ Along edge of field  
✓ open ground near  
ditch.

✓ 5334 *Digitaria* ~~curtipendula~~  
✓ Open dry ground along  
road side. Large clumps  
✓ *Panicum* ~~brevis~~, also  
✓ *Chenopodium*

5335 *Panicum* ~~capillare~~  
✓ Sandy soil, edge of field

5336 *Eriochloa*  
✓ Dry ground, in large  
pasture bushes

5337 *Chenopodium*  
✓ ~~Chenopodium~~ ditch

5338 *Erigeron*  
✓ Dry ground.

5339 *Aristida* ~~longistylis~~  
✓ Dry place in clump  
erect - perennate

5340 *Aristida* ~~perennans~~  
✓ Dry place in clump  
✓ *Erigeron* with 5339  
✓ Plant taller & denser  
fruit shorter



*Panicum* *sp.*

5-381 *Panicum* *sp.*  
along river

*Conyza* *sp.*

5-382 *Sporobolus* *sp.*  
along river

5-383 *Sporobolus* *sp.*  
sandy soil along river

5-384 *Panicum* *sp.*  
along river

5-385 *Echinochloa* *sp.*  
sandy soil

5-386 *Echinochloa* *sp.*  
sandy soil

5-387 *Eleusine* *sp.*  
sandy soil

5-388 *Eleusine*

2 sandy soil along bay

5-389 *Panicum* *sp.*  
sandy soil along bay

5-390 *Panicum* *sp.*  
sandy soil along bay

5-391 *Matricaria* *sp.*  
hard soil along bay

5-392 *Aster* *sp.*  
2 sandy soil

5-393 *Panicum* *fasciculatum*  
1 sandy soil

5-394 *Lophochlaena* *sp.*  
sandy soil

5-395 *Eleusine* *sp.*  
ditch along river



5341 *Solanum...*  
 3/ Dry grassy...  
 5342 *...*  
 5343 *...*  
 5344 *...*  
 1 Dry grassy...  
 5345 *Panicum effusum*  
 1 Dry grassy...  
 5346 *...*  
 1 Dry grassy...  
 5347 *Panicum filipes*  
 2 Dry grassy...  
 5348 *...*  
 2 Dry grassy...  
 5349 *...*  
 2 Dry grassy...  
 5350 *...*  
 2 Dry grassy...  
 5351 *...*  
 2 Dry grassy...  
 5352 *...*  
 2 Dry grassy...  
 5353 *...*  
 2 Dry grassy...  
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5369 *Claytonia rubra*  
1 Dry prairie

5370 *Andropogon scoparius*  
1 Dry prairie

5371 *Eragrostis*  
1 Dry prairie

5372 *Scrophularia*  
2 Along road

5373 *Sorbus americana*  
3 Dry prairie

5374 *Chenopodium*  
1 Along ditch

5375 *Pennisetum glaucum*  
2 Dry ditch

5376 *Chenopodium*  
1 Dry prairie - 5376

5377 *Trifolium (pratense)*  
1 Dry prairie

5378 *Asplenium*  
1 Along road

5379 *Tridax (albiflora)*  
1 Dry ditch

5380 *Panicum* <sup>chartaguiense</sup>  
2 Wet field

5381 *Lactuca*  
2 Corn field

5382 *Panicum*  
1 Wet Corn field

5383 *Panicum (sp.)*  
1 Along edge of corn field

5384 *Tridax*  
1 Dry prairie  
bulbous root



5385 *Panicum* ~~fulvum~~  
Dry brushy place  
at Champo

Robinson June 27

5386 *Helianthus* ~~diversiflorus~~  
1 Dry gravel clay R

5387 *Sporobolus vaginatus*  
1 Dry ditch

5388 *Chenopodium* ~~diversiflorum~~  
2 Dry gravel clay R

5389 *Sporobolus vaginatus*  
3 Dry gravel - ~~clay~~

5390 *Ambrosia* ~~diversiflora~~  
1 Dry gravel clay R

5391 *Tridax*  
1 Dry gravel clay R

5392 *Elymus lanceolatus*  
1 Dry gravel clay R

5393 *Helianthus* ~~diversiflorus~~  
1 Dry ditch

5394 *Helianthus* ~~diversiflorus~~  
1 Dry ditch

5395 *Panicum* ~~diversiflorum~~  
1 Dry ditch

5396 *Panicum* ~~diversiflorum~~  
1 Dry ditch

5397 *Helianthus* ~~diversiflorus~~  
1 Dry ditch

5398 *Helianthus* ~~diversiflorus~~  
1 Dry gravel

5399 *Tridax*

Barbera June 27

5400 *Eragrostis*  
2 Sandy gravel



407 *Paspalum conjugatum*  
✓ Same as 406

3 *Eriochloa*  
✓ Same as 406

408 *Eriochloa*  
✓ Same as 406

409 *Eriochloa*  
✓ Same as 406

5400 *Eriochloa*  
✓ Same as 406

5401 *Eriochloa*  
✓ Same as 406

5402 *Eriochloa*  
✓ Same as 406

5403 *Eriochloa*  
✓ Same as 406

408 *Paspalum conjugatum*  
✓ Same as 406

409 *Eriochloa*  
✓ Same as 406

410 *Eriochloa*  
✓ Same as 406

411 *Eriochloa*  
✓ Same as 406

412 *Eriochloa*  
✓ Same as 406

413 *Eriochloa*  
✓ Same as 406



541 *Paspalum virgatum*

Along bank of stream

2 *Chenopodium*

542 *Chenopodium caeruleum*

2 Dry ground along  
Ry.

543 *Eragrostis pectinacea*

1 Dry ground along Ry.

544 *Eragrostis lugens*

1 Dry ground along Ry.

545 *Bouteloua*

1 Dry ground along Ry.

546 *Eragrostis capillaris*

2 Dry ditch - by stream  
form - loose cement

5420 *Eragrostis capillaris*

Dry ditch - close

not

2 *Eragrostis capillaris*

2 *Eragrostis capillaris* - thin

2 *Eragrostis capillaris* - frequent - seen

2 *Eragrostis capillaris* - 5' x 9' x 6' x 20

only 1 seen. Color

yellow green. Leaves

in a narrow way.

5422 *Eragrostis capillaris*

Along bank of stream, ditch

seen 5' x 10'

5423 *Eragrostis capillaris*

Along ditch, ditch

East.

5424 *Panicum fasciculatum* <sup>Chartaginense</sup>

2 *Panicum fasciculatum* ditch

2 *Eragrostis capillaris*

5425 *Eragrostis capillaris* Walt

2 *Eragrostis capillaris*

2 *Eragrostis capillaris* ditch

5426 *Eragrostis capillaris*

2 *Eragrostis capillaris*



5427 *Grasses*  
2 *Dry prairie*

5428 *Eragrostis*  
2 along dry creek

5429 *Bouteloua pinnatifida*  
2 Open loose ground  
along dry creek

5430 *Panicum filipes*  
2 in sand dunes

March 29

5431 *Monsieurbellia*  
1 *Black fl.*

5432 *Aristida*  
2 *Among cacti*

5438 *Spartina*  
1 Large beds in marsh  
3 ft in dia, clear base 2 ft

San Juan Beach June 29

5433 *Amorpha canescens*  
1 *Sand dunes, fl. white*

5434 *Grasses*  
1 *among cacti*

5435 *Distichlis*  
1 *in salt water, same*  
*different from 5434*

5436 *Stachys*  
1 *among cacti*

5437 *Eragrostis (or Lepis)*  
1 *Sand dunes*

San Juan June 30

5439 *Amorpha canescens*  
1 *among cacti*

5440 *Spartina*  
1 *Sand prairie*



5440 *Chenopodium*  
Sandy place

5442 *Periplocum*  
Sandy place

5443 *Aristida*  
Sandy place

5444 *Sarcocolla*  
Sandy place

5445 *Panicum*  
Sandy place

5446 *Chenopodium*  
Sandy place

5447 *Leptochloa*  
Sandy roadside

5448 *Panicum*  
Sandy place

5449 *Chenopodium*  
Sandy place

5450 *Chenopodium*  
Sandy place

5451 *Chenopodium*  
Sandy place

5452 *Chenopodium*  
Sandy place

5453 *Chenopodium*  
Sandy place

5454 *Chenopodium*  
Sandy place

5455 *Chenopodium*  
Sandy place

5456 *Panicum*  
Sandy place



577 *Corallorhiza* (C. p.)  
Sandy prairie  
foliage greenish  
and flowers orange

578 *Panicum formicetorum*  
Sandy prairie  
deep clumps 1-2 ft.  
dense purple flower  
heads

579 *Bouteloua*  
Sandy prairie

580 *Eriopogon* (C. p.)  
Sandy prairie  
green leaves  
dark

581 *Panicum altai*  
Sandy prairie

582 *Cirsium longistylus*  
Sandy prairie

583 *Corallorhiza* (C. p.)  
Sandy prairie  
leaves greenish  
flowers orange

584 *Panicum sp.*  
Sandy prairie

585 *Lophochlaena*  
Wet ditch

586 *Eriopogon*  
Sandy prairie

587 *Eriopogon*  
Sandy prairie

588 *Eriopogon*  
Sandy prairie

589 *Eriopogon*  
Wet ditch

590 *Capriola*  
Wet alkali soil  
sandy prairie



5-76 *Scirpus* *peruv.*  
Sandy soil

5-77 *Scirpus* *peruv.*  
Sandy soil

5-78 *Scirpus* *peruv.*  
Sandy soil

5-79 *Sperulobolus* *peruv.*  
Sandy soil

5-80 *Scirpus* *peruv.*  
Sandy soil

5-81 *Scirpus* *peruv.*  
Sandy soil

5-82 *Scirpus* *peruv.*  
Sandy soil

5-83 *Scirpus* *peruv.*  
Sandy soil

5-84 *Scirpus* *peruv.*  
Sandy soil

5-85 *Scirpus* *peruv.*  
Sandy soil

5-86 *Scirpus* *peruv.*  
Sandy soil

5-87 *Scirpus* *peruv.*  
Sandy soil

5-88 *Scirpus* *peruv.*  
Sandy soil

5-89 *Scirpus* *peruv.*  
Sandy soil

5-90 *Scirpus* *peruv.*  
Sandy soil

5-91 *Scirpus* *peruv.*  
Sandy soil

5-92 *Scirpus* *peruv.*  
Sandy soil

5-93 *Scirpus* *peruv.*  
Sandy soil



5486 *Leptochloa fusca*  
1 Ponds

5487 *Chloris polystachya*  
2 Sandy stream  
meadow

5488 *Paspalum*  
7 Sandy stream

5489 *Paspalum*  
1 Sandy stream

5490 *Eragrostis*  
Sandy stream

San Antonio July 3

5490 *Chloris pumila*  
Cel/ Prairie

5491 *Eragrostis (tenuis)*  
more ground in  
Sandy stream

5492 *Leptochloa fusca*  
1 Ponds

5493 *Chloris polystachya*  
1 Sandy stream

5494 *Paspalum*  
Sandy stream

5495 *Eragrostis*  
Sandy stream

5496 *Chloris*  
Sandy stream  
standing water

Laredo July 5

5497 *Chloris cucullata*  
3 Irrig. field

5498 *Panicum ramisetum*  
2 Irrig. field

5499 *Panicum texanum*  
2 Irrig. field



5500 *Pennisetum* <sup>hullii</sup>  
field

5501 *Conyza* <sup>sp.</sup>  
1 field

5502 *Conyza* <sup>sp.</sup>  
1 field - near  
highway

5503 *Brickellia* <sup>sp.</sup>  
1 Dry Chaparral

5504 *Pennisetum* <sup>sp.</sup>  
1 Irrig. field

5505 *Sporobolus* <sup>crispus</sup>  
1 Irrig. field

5506 *Sporobolus* <sup>crispus</sup>  
1 Dry ground along Ry

5507 *Chaetochloa* <sup>composita?</sup>  
1 Irrig. field

5508 *Conyza* <sup>caroliniana</sup> Walt.  
1 Irrig. field - open, very

5509 *Pennisetum* <sup>sp.</sup>  
1 Irrig. field

5510 *Helianthus* <sup>sp.</sup>  
1 Irrig. field - zone

5511 *Leptochloa* <sup>sp.</sup>  
1 Irrig. field

5512 *Echinochloa* <sup>sp.</sup>  
1 Irrig. field

5513 *Setaria* <sup>sp.</sup>  
1 Irrig. field

5514 *Pennisetum* <sup>sp.</sup>  
1 Irrig. field

5515 *Cottoneaster* <sup>sp.</sup>  
1 Along street



July 22 1952

51517 *Leptochloa*  
Rocks

51518 *Leptochloa*  
Rocks

51519 *Leptochloa*  
Long beach

51520 *Aristida arizonica*  
Rocks

51521 *Valeriana*  
Rocks

51522 *Paspalum*  
Rocks

51523 *Chenopodium*  
Long beach

*Chloris cucullata*  
Chloris

51524 *Chloris*  
Long beach

51525 *Chloris*  
Long beach

51526 *Aristida arizonica*  
Long beach

51527 *Leptochloa*  
Long beach

51528 *Valeriana*  
Long beach

51529 *Andropogon*  
Long beach

51530 *Chloris*  
Long beach

51531 *Chenopodium*  
Long beach



5532 *Bouteloua* ~~sp.~~  
along R. ~~...~~

5533 *Panicum* ~~...~~  
2 ~~...~~

5534 *Eleusine* ~~...~~  
1 ~~...~~

5535 *Panicum* ~~...~~  
1 ~~...~~

5536 *Tridax* ~~...~~  
1 ~~...~~

5537 *Panicum* ~~...~~  
1 ~~...~~

5538 *Brachiaria* (*aff. ciliatissima*)  
10 ~~...~~  
along ~~...~~  
5/1/1914 (or *Paspalum*)

5539 *Naja* ~~...~~  
7 ~~...~~

5540 *Panicum* ~~...~~  
weird in cornfield

5541 *Panicum* ~~...~~  
weird in cornfield  
basals pubescent

5542 *Eleusine* ~~...~~  
Edge of field

5543 *Valota* ~~...~~  
Edge of field

5544 *Andropogon* ~~...~~  
Edge of field

5545 *Stipa* ~~...~~  
Edge of field

5546 *Valota* ~~...~~  
Edge of field

5547 *Panicum* ~~...~~  
Edge of field



550 *Echinochloa colona*  
1 *...*

551 *...*  
3 *...*

552 *...*  
1 *...*

553 *Sporobolus*  
3 *Sporob. cryptanthus*  
*R. San Juan*

554 *...*  
2 *...*

555 *...*  
1 *...*

556 *Leptochloa filiformis*  
3 *...*

557 *Paspalum puberulum*  
*Pasp.*  
*...*

558 *...*  
*...*

559 *...*  
*...*

560 *Panicum*  
*...*

561 *...*  
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562 *...*  
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563 *Paspalum monostachyum*  
*Paspalum*  
*...*



5562 *Paspalum rubrum*  
along road

5563 *Paspalum*  
along road

5564 *Paspalum*  
along road

5565 *Aristida*  
along road

5566 *Aristida microantha*  
along road

5567 *Chloris*  
along road

July 8 (Abies)  
5568 *Portulaca*  
Rocky hill

5569 *Chloris*  
along road

5570 *Chloris*  
along road

5571 *Spherocephalis obtusata lobata*  
along road

5572 *Paspalum*  
along road

5573 *Paspalum*  
along road

5574 *Chloris*  
along road

5575 *Paspalum*  
along road

5576 *Eriochloa*  
along road

5577 *Agrostis*  
along road

5578 *Chloris*  
along road

5579 *Chloris*  
along road



Salt Lake July 10

5579 *Setaria papposa*

Set. *Setaria papposa*

5580 *Sporobolus vaginatus*

3 *Along small riv.*

*Sporobolus vaginatus*

5 *Sporobolus vaginatus*

3 *Along small riv.*

*Trisetum flavescens*

5581 *Panicum obtusum*

1 *Along small riv.*

5582 *Chenopodium*

3 *Along small riv.*

*Panicum blagayana*

*Spikes long. - Differed*

*from 5570 to west*

*head spike long bristly*

5583 *Bromus pinnatus*

1 *Low hill*

*Chloris*

*along small riv.*

*along small riv.*

*along small riv.*

587 *Paspalum*

*Along small riv.*

*along small riv.*

*along small riv.*

*along small riv.*

*along small riv.*

588 *Chenopodium*

2 *Along small riv.*

*along small riv.*

*along small riv.*

*along small riv.*

589 *Leptochloa*

*along small riv.*

*along small riv.*

*along small riv.*



✓ 5593 *Brachypodium pinnatifidum*  
along river bank

✓ 5594 *Brachypodium*  
along river bank

✓ 5595 *Sporobolus airoides*  
along river bank  
field - low dense

✓ 5596 *Brachypodium*  
along river bank

✓ 5597 *Eragrostis*  
along river bank

✓ 5598 *Agrostis*  
along river bank

✓ 5599 *Echinochloa crus-galli*  
field - low dense

✓ 5600 *Echinochloa crus-galli*  
along river bank

601 *Poa annua*  
along river bank

602 *Poa annua*  
along river bank

603 *Echinochloa crus-galli*  
along river bank

604 *Echinochloa crus-galli*  
along river bank

605 *Panicum polyanthemum*  
along river bank

606 *Echinochloa crus-galli*  
along river bank

607 *Echinochloa crus-galli*  
along river bank

608 *Paspalum puberulum*  
along river bank

609 *Panicum polyanthemum*  
along river bank



ferns, as long as old  
of abundant fern  
them, very much  
only one flower

560 Chlorophytum umbellatum  
1  
Sparganium angustifolium  
bushy (samarangana)  
not here yet as of present

561 Prappia pinnatifida  
1  
Dag. pinnatifida  
2  
same, pinnatifida  
Chlorophytum umbellatum  
562 Chlorophytum

1  
In wood & shrub  
Clear stream, S. Colombia  
uncultivated, very all  
a clear stream in  
samarangana. Clear water  
and growing together  
5 several of each

563 Muhlbergia quinquangulata  
1  
Sporobolus  
Open dry ground  
level bushy

564 Bouteloua curtipendula  
1  
Bouteloua curtipendula  
Rocky hill (samarangana)  
3 many fine river

565 Volcan  
1  
Volcan  
Rocky hill

566 Muhlbergia microchaeta  
1  
Muhlbergia microchaeta  
Rocky hill

567 Sloanea  
1  
Sloanea  
Rocky hill

568 Muhlbergia  
1  
Muhlbergia  
Rocky hill

569 Muhlbergia (pinnatifida)  
1  
Muhlbergia (pinnatifida)  
Rocky hill

570 Chlorophytum  
1  
Chlorophytum  
Along wet ditch

571 Eragrostis  
1  
Eragrostis  
Wet ditch

572 Eragrostis  
1  
Eragrostis  
Along shady ditch



July 11

Andropogon saccharatus  
5622 *Andropogon saccharatus*  
Sandy field - river bottom

5623 *Andropogon saccharatus*  
Sandy field - river bottom

5624 *Andropogon saccharatus*  
Sandy field - river bottom

5625 *Andropogon saccharatus*  
Sandy field - river bottom

5626 *Andropogon saccharatus*  
Sandy field - river bottom

5627 *Andropogon saccharatus*  
Sandy field - river bottom

5628 *Andropogon saccharatus*  
Sandy field - river bottom

5629 *Andropogon saccharatus*  
Sandy field - river bottom

5630 *Andropogon saccharatus*  
Sandy field - river bottom

5631 *Andropogon saccharatus*  
Sandy field - river bottom

5632 *Andropogon saccharatus*  
Sandy field - river bottom

5633 *Andropogon saccharatus*  
Sandy field - river bottom

5634 *Andropogon saccharatus*  
Sandy field - river bottom

5635 *Andropogon saccharatus*  
Sandy field - river bottom

5636 *Andropogon saccharatus*  
Sandy field - river bottom

5637 *Andropogon saccharatus*  
Sandy field - river bottom

5638 *Andropogon saccharatus*  
Sandy field - river bottom



5639 Bouteloua trinquetii

1 Dry season

5640 Eleocharis acicularis (L.) Nutt.

2 Much in peak

5641 Eleocharis

5-6 Much in peak

5642 Eleocharis

2 Much in peak

Octonaria 2 feet on

7 feet on

the south side of

5629

5643 Eleocharis acicularis

Went in peak

This is the most

the set of 5644

necessity

5644 Sperobolus

✓ Dry season. An

✓ of old phorol

✓ It may be S. Wright

but it is all made  
as the phorol. It is  
abundant in the locality  
of a clump, especially  
seen but in diam. but  
broken up some by the  
phorol.

5645 Eleocharis

ferriana var. 2

2 in peak

5646 Eleocharis

1 in peak

5647 Eleocharis

perhaps

very much

note Feb 14

5648 Bouteloua

2 Daphnecarpus in dry

area

5649 Eleocharis

1 in peak

1 Much in peak



5450 *Echinochloa crus-galli* var. *mutica*  
 Along road  
 2 *Echinochloa crus-galli* var. *mutica*  
 Along road  
 3 *Echinochloa crus-galli* var. *mutica*  
 Along road

5451 *Echinochloa crus-galli* var. *mutica*  
 1 Along road  
 5452 *Echinochloa crus-galli* var. *mutica*  
 Along road  
 5453 *Echinochloa crus-galli* var. *mutica*  
 Along road

5454 *Echinochloa crus-galli* var. *mutica*  
 Along road  
 5455 *Echinochloa crus-galli* var. *mutica*  
 Along road  
 5456 *Echinochloa crus-galli* var. *mutica*  
 Along road

*Echinochloa crus-galli* var. *mutica*  
 Along road

5457 *Echinochloa crus-galli* var. *mutica*  
 Along road

5458 *Echinochloa crus-galli* var. *mutica*  
 Along road

5459 *Echinochloa crus-galli* var. *mutica*  
 Along road

5460 *Echinochloa crus-galli* var. *mutica*  
 Along road

5461 *Echinochloa crus-galli* var. *mutica*  
 Along road



5-662 *Eragrostis mexicana*  
 7-663 *Panicum capillare*  
 7-664 *Panicum capillare*  
 5-665 *Panicum capillare*  
 7-666 *Panicum capillare*  
 5-667 *Panicum capillare*  
 4-668 *Panicum capillare*  
 5-669 *Panicum capillare*  
 2-670 *Panicum capillare*  
 5-671 *Panicum capillare*  
 2-672 *Panicum capillare*  
 5-673 *Panicum capillare*  
 2-674 *Panicum capillare*  
 5-675 *Panicum capillare*  
 2-676 *Panicum capillare*  
 5-677 *Panicum capillare*  
 2-678 *Panicum capillare*  
 5-679 *Panicum capillare*  
 2-680 *Panicum capillare*  
 5-681 *Panicum capillare*  
 2-682 *Panicum capillare*  
 5-683 *Panicum capillare*  
 2-684 *Panicum capillare*  
 5-685 *Panicum capillare*  
 2-686 *Panicum capillare*  
 5-687 *Panicum capillare*  
 2-688 *Panicum capillare*  
 5-689 *Panicum capillare*  
 2-690 *Panicum capillare*  
 5-691 *Panicum capillare*  
 2-692 *Panicum capillare*  
 5-693 *Panicum capillare*  
 2-694 *Panicum capillare*  
 5-695 *Panicum capillare*  
 2-696 *Panicum capillare*  
 5-697 *Panicum capillare*  
 2-698 *Panicum capillare*  
 5-699 *Panicum capillare*  
 2-700 *Panicum capillare*

1-671 *Chenopodium*  
 1-672 *Chenopodium*  
 1-673 *Chenopodium*  
 1-674 *Chenopodium*  
 1-675 *Chenopodium*  
 1-676 *Chenopodium*  
 1-677 *Chenopodium*  
 1-678 *Chenopodium*  
 1-679 *Chenopodium*  
 1-680 *Chenopodium*  
 1-681 *Chenopodium*  
 1-682 *Chenopodium*  
 1-683 *Chenopodium*  
 1-684 *Chenopodium*  
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 1-686 *Chenopodium*  
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 1-688 *Chenopodium*  
 1-689 *Chenopodium*  
 1-690 *Chenopodium*  
 1-691 *Chenopodium*  
 1-692 *Chenopodium*  
 1-693 *Chenopodium*  
 1-694 *Chenopodium*  
 1-695 *Chenopodium*  
 1-696 *Chenopodium*  
 1-697 *Chenopodium*  
 1-698 *Chenopodium*  
 1-699 *Chenopodium*  
 1-700 *Chenopodium*







5676 *Chloris*

2 *Chloris*

*Portulaca*

1 *Portulaca*

*Holcus*

1 *Holcus*

5677 *Portulaca*

1 *Portulaca*

5678 *Portulaca*

2 *Portulaca*

5679 *Portulaca*

5680 *Portulaca*

1 *Portulaca*

5681 *Portulaca*

1 *Portulaca*

*Cenchrus carolinianus*

5682 *Cenchrus*

2 *Cenchrus*

5683 *Cenchrus*

2 *Cenchrus*

5684 *Cenchrus*

1 *Cenchrus*

5685 *Cenchrus*

1 *Cenchrus*

5686 *Cenchrus*

2 *Cenchrus*

5687 *Cenchrus*

2 *Cenchrus*

5688 *Cenchrus*

2 *Cenchrus*

5689 *Cenchrus*

2 *Cenchrus*



July 18

5706 *... ..*  
1 *... ..*

5707 *... ..*  
1 *... ..*

5708 *... ..*  
1 *... ..*

5709 *... ..*  
1 *... ..*

5710 *... ..*  
14 *... ..*

5711 *... ..*  
1 *... ..*

July 19

5712 *... ..*  
1 *... ..*

5713 *... ..*  
1 *... ..*

5714 *... ..*  
3 *... ..*

5715 *... ..*  
1 *... ..*

5716 *... ..*  
1 *... ..*

5717 *... ..*  
1 *... ..*



5718 *Bouteloua filiformis*  
1  
By cut,

5719 *Panicum polyanthemum*  
3  
Along Ry track

5720 *Panicum*

5721 *Distachya* *umbellata*  
1  
Moist soil, by  
moderate, long spl  
each large

5722 *Sporobolus*  
1  
Along Ry track

5722 *Chenopodium* *(leafy)*  
2  
Along Ry track  
Prim. by stream, only  
shrub.

5723 *Paspalum Humboldtianum*  
2  
By cut, on bank  
edge

5724 *Aristida* *berlandieri*  
2  
For air

5725 *Eragrostis mexicana*  
1  
Cult. irrig. field

5726 *Panicum*  
7  
Cult

5727 *Panicum*  
3  
Cult of Ry cut

5728 *Panicum fasciculatum*  
2  
Along Ry cut

5729 *Panicum*  
7  
Along irrig. ditch

5730 *Valeriana*  
4  
Along Ry cut

5730 *Paspalum*  
1  
By cut

5731 *Eragrostis*  
1  
By cut

5732 *Leptochloa*  
1  
By cut



5733 *Cynchura caroliniana*  
 1 *Cynchura*  
 along Ry track  
 5734 *Chloris*  
 2 *Chloris*  
 along Ry track  
 5735 *Styphelia*  
 2 *Styphelia*  
 along Ry track  
 5736 *Styphelia*  
 2 *Styphelia*  
 along Ry track  
 5737 *Echinops*  
 1 *Echinops*  
 along Ry track  
 5738 *Bent. curtip*  
 1 *Bent. curtip*  
 along Ry track  
 5739 *Leptochloa*  
 1 *Leptochloa*  
 along Ry track  
 5740 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 5741 *Paspalum*  
 1 *Paspalum*  
 along Ry track

57 *Agrostis stolonifera*  
 1 *Agrostis stolonifera*  
 along Ry track  
 572 *Styphelia*  
 1 *Styphelia*  
 along Ry track  
 573 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 574 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 575 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 576 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 577 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 578 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 579 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 580 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 581 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 582 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 583 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 584 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 585 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 586 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 587 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 588 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 589 *Paspalum*  
 1 *Paspalum*  
 along Ry track  
 590 *Paspalum*  
 1 *Paspalum*  
 along Ry track



5749 *Chloris virgata*  
1

5750 *Chloris virgata*  
1  
Tongue grass

5751 *Chloris virgata*  
Self

5752 *Prospira*  
Set

Las Canoas July 20.

5753 *Bouteloua linearis*  
1

5754 *Panicum*  
2  
Panicum  
specimens in herbarium  
placens / *Laurea* *deur*  
one argem. species

5755 *Trisetum*  
1  
Chay cut, bank

5756 *Panicum*  
Along dry creek  
bank

5757 *Chloris*  
Along Ry

5758 *Plantago*  
Along Ry, 60 ft.  
open ground  
20 ft. from road

5759 *Andropogon*  
Virens  
Wet grassy place

5760 *Paspalum*  
Wet grassy ground

5761 *Quadrantaria*  
Wet grassy soil  
first leaf 3 long  
conferted buds

5762 *Heteropogon*  
Panicum



5765 *Elymus brachystachyus*  
1 Red cap.

5766 *Phragmites communis*  
2

5767 *Phragmites communis*  
1

5768 *Phragmites communis*  
1 Along river

5769 *Phragmites communis*  
1

5770 *Phragmites communis*  
1

5771 *Phragmites communis*  
1

Cardenas Aug 20

5770 *Brachypodium pinnatifidum*  
1 Along R.

5771 *Sporobolus minutus*  
2

5772 *Sporobolus minutus*  
1

5773 *Paspalum*  
2

5774 *Paspalum*  
2

5775 *Paspalum*  
1

5776 *Paspalum*  
1

5777 *Paspalum*  
1

5778 *Paspalum*  
1

5779 *Paspalum*  
1



7 am  
5779 *Monanthodendron*  
2 Red flat soil

5780 *Lythrum*  
2 Bushy, low shrub

5781 *Sporobolus*  
1

5782 *Stachys*  
2 Large clumps in  
fosses - one at Tonkin  
Beach etc.

5783 *Sporobolus*  
1 Along R. bank

5784 *Chloris*  
3 Along R. bank  
at corner house  
along street & R. bank

5785 *Paspalum conjugatum*  
1

5786 *Lythrum*  
2

5787 *Stachys*  
2

5788 *Chloris*  
1

5789 *Sporobolus argutus*  
1

5790 *Chloris*  
2 Along street

5791 *Erigeron annuus*  
1 Along street



5792 *Conchocarpum*  
2 Sand dune

5793 *Paspalum*  
2 Sand dune

5794 *Eragrostis*  
3 Sand dune

5795 *Syntherisma*  
2 Sand dune  
depressed

5796 *Panicum*  
2 In water of bog  
Sand dune

5797 *Chenopodium*  
1 Among brush in  
low ground. 100 ft  
very yellow - sample  
(hot fungus?)

5798 *Editha*  
2 Among brush in  
low land

5799 *Eragrostis*  
1 Sand dune

5800 *Panicum*  
1 Along Ry

5801 *Panicum*  
1 Along Ry

Overland July 27

5802 *Brick*  
2 Edge of field

5803 *Eragrostis*  
1 Field - a small

5804 *Chenopodium*  
3 Edge of field

5805 *Chenopodium*  
2 Edge of field



5456 *Chenopodium*  
3 *Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*

5457 *Chenopodium*  
1 *Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*  
*Chenopodium*

5458 *Chenopodium*  
2 *Chenopodium*  
*Chenopodium*  
*Chenopodium*

5459 *Chenopodium*  
1 *Chenopodium*  
*Chenopodium*  
*Chenopodium*

5460 *Echinops*  
1 *Echinops*  
*Echinops*  
*Echinops*

5461 *Paspalum*  
2 *Paspalum*  
*Paspalum*  
*Paspalum*

5462 *Paspalum*  
1 *Paspalum*  
*Paspalum*  
*Paspalum*

5463 *Paspalum*  
1 *Paspalum*  
*Paspalum*  
*Paspalum*

5464 *Paspalum*  
1 *Paspalum*  
*Paspalum*  
*Paspalum*

5465 *Paspalum*  
2 *Paspalum*  
*Paspalum*  
*Paspalum*

5466 *Paspalum*  
2 *Paspalum*  
*Paspalum*  
*Paspalum*

5467 *Paspalum*  
2 *Paspalum*  
*Paspalum*  
*Paspalum*

5468 *Chloris*  
2 *Chloris*  
*Chloris*  
*Chloris*

5469 *Bromus*  
1 *Bromus*  
*Bromus*  
*Bromus*

5470 *Echinops*  
1 *Echinops*  
*Echinops*  
*Echinops*



5821 *Chenopodium*  
4 *long. distal*

5822 *Commersonia*  
1 *Wand. sp.*  
5712

5823 *Bulbocodium*  
2 *open dry grass*  
*Commersonia*

5824 *Agrostis*  
1 *Along road*

5825 *Conoclinium*  
1 *Edge of field*

5826 *Trifolium*  
5 *Open ground on hill*

5827 *Bouteloua*  
1 *Reckly hill*

5828 *Bouteloua*  
1 *Reckly hill*

5829 *Poa annua*  
1 *Long. distal*

5830 *Sporobolus*  
1 *Reckly hill*

5831 *Chenopodium*  
1 *Long. distal in wood*  
*Seminal. zone*

5832 *Leptochloa*  
1 *Reckly hill*  
*growing in open ground*  
*with. Pseudoc. bromoides*

5832 *Aristida* *bromoides*  
2 *Reckly hill*

5832 *Leptochloa*  
1 *Reckly hill*  
*(See journal)*

5833 *Andropogon*  
3 *Edge of field*



Echinochloa crus-galli mutica  
5835 Echinochloa crus-galli  
1 Min. seed.

5836 Lophochlaena  
1 Lophochlaena

5837 Lophochlaena  
1 Lophochlaena

5838 Lophochlaena  
2 Park - annual

5839 Lophochlaena  
1 Park - annual

5840 Lophochlaena  
1 Lophochlaena

5841 Lophochlaena  
1 Lophochlaena

5842 Lophochlaena  
1 Lophochlaena

5843 Lophochlaena  
3 Lophochlaena

5836 Lophochlaena  
1 Lophochlaena

5837 Lophochlaena  
1 Lophochlaena

5838 Lophochlaena  
1 Lophochlaena

5839 Lophochlaena  
1 Lophochlaena

5840 Lophochlaena  
1 Lophochlaena

5841 Lophochlaena  
1 Lophochlaena

5842 Lophochlaena  
1 Lophochlaena

5843 Lophochlaena  
1 Lophochlaena

5844 Lophochlaena  
1 Lophochlaena



*Echinochloa curgalli* var. *mutica*  
5855 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5856 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5857 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5858 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5859 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5860 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5861 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5862 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5863 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5855 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5856 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5857 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5858 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5859 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5860 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5861 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5862 1  
Grass

*Echinochloa curgalli* var. *mutica*  
5863 1  
Grass



modelling a glass  
 d. specimen, glass in  
 the past, are common  
 along the river  
 and are abundant  
 elsewhere.

5662 *Andropogon* (C. ...)  
 2 In. distal. ...  
 erect, d. ...  
 spreading ...  
 at ...

5663 *Andropogon* (C. ...)  
 1 In. distal.

5664 *Andropogon* (C. ...)  
 1 In. distal. ...  
 general = 5667

5670 *Andropogon* (C. ...)  
 4 In. distal. ...  
 general = 5665  
 Probable = 5665

(The ... July 27  
 Xochimilco)

5871 *Andropogon* (C. ...)  
 1 In. distal. ...

5872 *Andropogon* (C. ...)  
 2 In. distal. ...

5873 *Andropogon* (C. ...)  
 1 In. distal. ...

5874 *Andropogon* (C. ...)  
 4 In. distal. ...

5875 *Andropogon* (C. ...)  
 2 In. distal. ...  
 growing together

5876 *Andropogon* (C. ...)  
 2 In. distal. ...

5877 *Andropogon* (C. ...)  
 2 In. distal. ...



5676 *Chloris subspicata*  
2 Along valley

5677 *Echinochloa crus-galli*  
1 Ditch along valley

5680 *Echinochloa crus-galli*  
1 Ditch along valley

5681 *Amorpha canescens*  
1 Along ditch

5682 *Syntherisma*  
2 Along ditch

5683 *Chenopodium*  
1 Along ditch

5684 *Paspalum distichum*  
2 Along ditch

5685 *Rottboellia*  
3 Corn fields = 50%

5686 *Polygonum demissum*  
1 Along ditch

5687 *Chloris subspicata*  
1 Along valley - volunteer

5688 *Echinochloa crus-galli*  
1 Along valley - volunteer

5689 *Echinochloa crus-galli*  
2 Open grassy pasture

5690 *Amorpha canescens*  
3 Open grassy pasture

5691 *Syntherisma*  
3 Rich, boggy pasture

5692 *Chenopodium*  
1 Edge of field

5693 *Syntherisma*  
7 Pasture

5694 *Echinochloa crus-galli*  
1 Ditch

5695 *Syntherisma*  
3 Pasture



5886 <sup>Andropogon scoparius</sup> Andropogon scoparius  
along trail  
2

5887 Eriophorum polifolium  
1  
Mud in field

5888 Agrostis (subsp.)  
2  
Pasture

5889 <sup>Muhlenbergia</sup> Sporobolus  
st  
Open pasture land

5900 <sup>Agrostis</sup> Agrostis subsp.  
st  
Along irrigated  
in a marshy area  
Culms erect. Base  
more or less creeping  
Tacta by me for 20

5901 Eragrostis  
2  
Edge of field

5902 <sup>Andropogon scoparius</sup> Andropogon scoparius  
3  
Pasture along Ry

5903 <sup>Muhlenbergia</sup> Muhlenbergia  
2  
Along Ry

5904 <sup>Bouteloua curtipendula</sup> Bouteloua curtipendula  
agave field

5905 <sup>Bouteloua</sup> Bouteloua  
Along Ry

5906 <sup>Bouteloua</sup> Bouteloua (subsp.)  
Along Ry

5907 <sup>Agrostis divaricata</sup> Agrostis (Benth.)  
2  
Along Ry

5908 <sup>Muhlenbergia</sup> Muhlenbergia  
2  
Along Ry

5909 <sup>Eragrostis</sup> Eragrostis  
6  
Crops in field  
Large clump

5910 <sup>Holcus</sup> Holcus  
1  
Sengham belap  
Field

5911 <sup>Chenopodium</sup> Chenopodium  
1  
Wet place

5912 <sup>Eragrostis</sup> Eragrostis  
1  
Edge of field

camp



55/3 *Pteris notata*

1 edge of forest

55/5 *Asplenium*

2 Edge of forest near creek

55/5 *Asplenium*

Along edge of forest near creek. Looks much like *Asplenium*

55/6 *Panicum bulbosum*

Along stream along edge of forest. In bunches of several culms.

55/7 *Leptoblenchium?*

Bank along a big ditch Is this a *Leptoblenchium* spec. of *Leptoblenchium*?

55/8 *Stipa*

6 Bank along big ditch



- 5777 *Eragrostis*  
 5778 *Paspalum notatum*  
 5827 *Bouteloua bromoides*  
 5858 *Sporobolus*  
 5826 *Hypochaeris*  
 5848 *Muhlenbergia*  
 5857 *Microchloa*  
 5854 *Triodia*  
 5729 *Chaetochloa*  
 5751 *Cenchrus echinatus*  
 5752 *Brachiaria plantaginifolia*  
 5853 *Triodia*  
 5847 *Lycium*  
 5916 *Panicum bulbosum*  
 5934 *Eragrostis*  
 5931 *Stipa*  
 5930 *Brachypodium?*  
 5807 *Chaetochloa*  
 5900 *Agrostis subrepens*  
 5899 *Sporobolus (sacatilla)*  
 5828 *Bouteloua*  
 5960 *Stipa*  
 5956 *Sporobolus (minutiflorus)*  
 5933 *Muhlenbergia wrightii*

- 5958 *Panicum decolorans*  
 5955 *Paspalum*



5474 Sporobolus (buckleyi)  
 5489 Eragrostis  
 5432 Eragrostis  
 5362 Paspalum vaginatum  
 5454 Panicum capillarisoides  
 5456 P. nodatum  
 5450 Eragrostis oxylopi  
 5463 Leptochloa imbricata  
 5469 Spartina pumila  
 5179 Triodia  
 5490 Chloris fasciculata  
 5491 Eragrostis (tenuis)  
 5494 Aristida  
 5495 Triodia  
 5496 Chloris  
 5574 Chloris  
 5581 Paspalum (monostachya)  
 5550 Chloris  
 5525 Triodia (Texana)  
 5531 Bouteloua  
 5542 Chaetochloa  
 5550 Chloris  
 5538 Paspalum (Panicum ciliatum?)  
 5586 Chloris

5595 Sporobolus wrightii  
 5579 Cynopsis  
 5593 Brachiaria mexicana  
 5585 Chloris  
 5594 Bromus  
 5611 Pappophorum  
 5631 Leptochloa dubia  
 5629 Eragrostis  
 5684 Sporobolus  
 5677 Briza  
 5685 Agrostis (microphylla?)  
 5687 Aristida (humboldtiana)  
 5676 Lycurus  
 5689 Eragrostis (neomexicana?)  
 5684 Polypogon  
 5780 Paspalum (lepidum)  
 5690 Andropogon (Texan)  
 5652 Sporobolus repens  
 5713 Hilaria  
 5715 Eragrostis (mexicana?)  
 5712 Panicum (stramineum?)  
 5681 Andropogon barbinoche  
 5709 Sporobolus (indicus)  
 5776 Paspalum



# Sets

- 5132 *Chaetochloa* (candata?)  
 5136 *Bouteloua burkei*?  
 5138 *Stipa leucotricha*  
 5140 *Panicum fasciculatum* Chert.  
 5144 *P. filipes*  
 5146 *Paspalum helleri*  
 5148 *Echinochloa colona*  
 5152 *Leptochloa mucronata*  
 5164 *Schedonardus paniculatus*  
 5168 *Aeluropogon saccharoides*  
 5170 *Triodia* (alluvial?)  
 5280 *Eragrostis* (near major) ✓  
 5322 *Paspalum lamarum*  
 5328 *Valota* (tenuissima?)  
 5329 *V. saccharatum*  
 5330 *Panicum ramosissimum*  
 5331 *P. reverchonii*  
 5332 *P. texanum*  
 5333 *Chloris cucullata*  
 5334 *Eragrostis curtipendula*  
 5335 *Panicum ciliatissimum*  
 5337 *Aristida longiseta*  
 5340 *A. micrantha*  
 5441 *Echinochloa* (c. galle)

- 5405 *Paspalum conjugatum*  
 5429 *Bouteloua prostrata*  
 5327 *Paspalum lamarum*  
 5328 *Valota* ~~lamarum~~  
 5329 *Valota saccharata*  
 5330 *Panicum ramosissimum*  
 5331 *P. reverchonii*  
 5334 *Eragrostis curtipendula*  
 5335 *Panicum ciliatissimum*  
 5332 *P. texanum*  
 5333 *Chloris cucullata*  
 5337 *Aristida longiseta*  
 5340 *A. micrantha*  
 5385 *Panicum filipes*  
 5384 *Triodia*  
 5409 *Eragrostis capitata*  
 5343 *Sporobolus argutus*  
 5355 *Schedonardus* (texanum?)  
 5407 *Paspalum* (praeceus)  
 5403 *Eriochloa*  
 5484 *Eragrostis sessiliflora*  
 5483 *Eragrostis*  
 5476 *Panicum finlaysonianum*  
 5475 *Aristida*



# Package sent

5-1-5 San Antonio

5-6-15 San Antonio

5-16-17 Monterrey

5-18-19 Saltillo

5-20-21 San Luis Potosi

5-22-23 Queretaro

5-24-25 Mexico City

5-26-27 Mexico City

5-28-29 Mexico City

5-30-31 Mexico City

5-32-33 Mexico City

5-34-35 Mexico City

5-36-37 Mexico City

5-38-39 Mexico City

5-40-41 Mexico City

5-42-43 Mexico City

5-44-45 Mexico City

5-46-47 Mexico City

5-48-49 Mexico City

5-50-51 Mexico City

5-52-53 Mexico City

5-54-55 Mexico City

5-56-57 Mexico City

5-58-59 Mexico City

5-60-61 Mexico City

1910

Book 2

5-919-6695



Mexico Tlaxcala  
Tlaxiaco July 29

5919

Wheat

1

along Ry - not used

3X

5920

~~Agave~~ Agave ~~subsp.~~

4

~~along Ry - not used~~  
in water of canal  
along Ry & Enate

5921

Broom

1

along canal  
brown branches

5922

~~Wormwood~~ Wormwood (Wormwood)

2

in water of canal  
along Ry & Enate

5923

Chenopodium ambrosioides

1

along canal

5924

Eragrostis amabilis

2

in field - useful

5925

Chenopodium ambrosioides

1

along track



5924 *Capriola dentata*  
1 *Calamagrostis*

5925 *Panicum*  
2 *Ala. ...*

5926 *Panicum*  
3 *Ala. ...*

5927  $\frac{1}{2}$  *Agrostis*  
5 *Stenotaphrum secundatum*

5928 *Sporobolus*  
3 *Open ground along*

5929 *Panicum*  
2 *Ala. ...*

5930 *Brachypodium mixticornis*  
1 *Open ground*

5931 *Stenotaphrum*  
1 *Open ground*

5932 *Panicum vulgare*  
1 *Along ditch - large specimen*

5933 *Stenotaphrum*  
1 *Open ground along*

5934 *Stenotaphrum*  
1 *Open ground along*

5934 *Stenotaphrum*  
1 *Open ground along*

5935 *Stenotaphrum*  
1 *Open ground along*

5936 *Stenotaphrum*  
1 *Open ground along*

5937 *Stenotaphrum*  
1 *Open ground along*

5938 *Stenotaphrum*  
1 *Open ground along*

5939 *Stenotaphrum*  
1 *Open ground along*

5940 *Stenotaphrum*  
1 *Open ground along*

5941 *Stenotaphrum*  
1 *Open ground along*

5942 *Stenotaphrum*  
1 *Open ground along*

5943 *Stenotaphrum*  
1 *Open ground along*

5944 *Stenotaphrum*  
1 *Open ground along*

5945 *Stenotaphrum*  
1 *Open ground along*



5542 *Muhlenbergia affinis*  
3 mostly soil in flower

5543 *Panicum* on bare  
5 *arenarium* in the soil  
5 the caules, the  
5 a sample of  
5 large dense panicle  
5 *Hesperis* *Coffeum* sp.  
5 *gracile* *Argemone* sp.

5544 *Stenactis* *maritima*  
5 A prostrate, 2 feet  
5 in open soil.

5545 *Bouteloua* *curtipendula*  
5 *Panicum* sp.

5546 *Chenopodium* *ambrosioides*  
5 *Spina* *chlorostachya*

5547 *Trifolium*

5548 *Agave* *amurensis*  
5 No inflorescence  
5 bare, with long stolon  
2 X

5549 *Stipa*

2  
18 *Ulex* *montanus*  
1 *Solidago* *serotina* at  
San Fernando

5550 *Thymus*  
5 *Thymus* *triflorus* *var.*  
5 *Thymus* *triflorus* *var.*

5551 *Thymus* *triflorus*  
2

5552 *Thymus* *triflorus*  
1 This looks a little different  
5 *Thymus* *triflorus*

5553 *Bouteloua* *curtipendula*  
1 Along road near San Diego

5554 *Bouteloua* *curtipendula*

5555 *Bouteloua* *curtipendula*

5556 *Paspalum* *maritimum*  
5 *Paspalum* *maritimum*  
5 *Paspalum* *maritimum*  
5 *Paspalum* *maritimum*



✓ 5-554 Sporobolus (nervosus)  
 Open - flat place

5-555 Sporobolus (nervosus)  
 Open - flat place

5-556 Sporobolus (nervosus)  
 Open - flat place

5-557 Panicum (sp.)  
 Depressum or similar  
 in lawn area  
 Perennial, looking  
 erect or spreading  
 spreading

5-558 Panicum (sp.)  
 Depressum or similar  
 in lawn area  
 Erect perennial

5-560 Aristida (sp.)  
 Lawn area  
 Family very loose  
 spreading

Papo Park Aug

5-561 Bouteloua (sp.)  
 2 Sandy mossy bank

5-562 Bouteloua (sp.)  
 2 Sandy mossy bank

5-563 Microstachys  
 2 Open place in pine  
 woods

5-564 Bromus  
 1 Along stream

5-565 Atriplex  
 2 Bank in woods

5-566 Juncus (sp.)  
 2 Moist soil

5-567 Microstachys (sp.)  
 1 Sandy bank

5-568 Briza (sp.)  
 1 Edge of woods



5569 *Festuca*  
2 *Festuca*  
5 *Festuca*

5570 *Agrostis*  
1 *Agrostis*

5571 *Agrostis*  
4 *Agrostis*

5572 *Agrostis*  
1 *Agrostis*

5573 *Agrostis*  
1 *Agrostis*

5574 *Agrostis*  
1 *Agrostis*

5575 *Agrostis*  
1 *Agrostis*

5576 *Agrostis*  
1 *Agrostis*

5577 *Brachypodium*  
1 *Brachypodium*

5578 *Agrostis*  
1 *Agrostis*

5579 *Festuca*  
1 *Festuca*

5580 *Cinna*  
1 *Cinna*

5581 *Muhlenbergia*  
1 *Muhlenbergia*



457 *Poa conglomerata*  
set

59 4  
598 1/2 *Trisetum*  
2

*Trisetum*  
Cape  
wavy

598 *Poa*  
Cape  
wavy

Ind. *Poa*  
Aug 6 1000-1300  
5986 *Trisetum*  
Black sand barrens  
at higher elevation  
1300 ft. below snow  
line. Round leaf  
up to 1/2 in. rarely  
not seen below timber  
line.

5987 *Trisetum*  
7  
Cape

5988 *Poa*  
Cape  
wavy  
10  
along road

5989 *Agrostis*  
Cape  
200 ft.

5990 *Agrostis*  
Cape  
200 ft.

5991 *Poa*  
2  
Cape



5573 *Phacelia malitiosa*  
1

5574 *Phacelia*  
8

5575 *Phacelia*  
3

5576 *Phacelia*  
2

5577 *Graphyllum albidum*  
3

5578 *Poa*  
3

5579 *Festuca villosa*  
10

6000 *Calamagrostis*  
Large bunches forming  
tussocks. Fl. silicles  
open at anthesis. Leaves  
at anthesis green.  
Leaves very thin.

6001 *Phacelia*  
Open place, about 1000 ft.  
Large bunches forming  
tussocks.

6002 *Spicampus*  
Open place on side  
of mountain. Abundant  
in large tussocks. A  
flattened. Shrub  
inflorescence. The seeds  
fall at anthesis and are gray.  
Not in flower. The seeds  
taken were the only ones  
seen. - 9000 ft. or 10000



*Trisetum gracile*  
6003 *Trisetum gracile*  
1 mossy bank -  
Sprengling

6004 *Poa*  
2  
Anemone bunches - 1000

6005 *Trisetum gracile*  
1  
Woods - mossy bank  
Sprengling

6006 *Urtica*  
1  
Along trail in  
ditch

6007 *Brachypodium mexicanum*  
2  
Shrubby bank  
Scrubby - branching  
Along stream - fruit  
Chamberlain's stream  
a bush - Parich middle  
The only species  
bushy ends - erect  
perennial - as usual

6008 *Brachypodium mexicanum*  
1  
mossy bank

6009 *Trisetum gracile*  
1  
Open places -  
mossy at 9-1000 ft  
whole must

6010 *Epicampis*  
1  
Woods at about 9000 ft

6011 *Bromus*  
1  
Open woods - many  
stems - specimens were  
lower - in places of  
Epicampis to be seen  
isolated - mossy - growing

6012 *Festuca*  
20  
Open places - common  
10000-12000 ft

6013 *Brachypodium mexicanum*  
12  
Open woods 1000-12000

6014 *Chrysopsis*  
3  
Open woods - perenn

Pope Park Aug 8  
7600 ft



6014 *Spermatocarpus*  
1 *open woods*

6015 *Chusquea*  
1 *open ground*

6016 *Passiflora*  
1 *open ground*

6017 *Andropogon*  
1 *edge of woods*

6018 *Chusquea*  
1 *open ground*

6020 *Eragrostis*  
1 *open ground*

6021 *Ipomoea*  
1 *open ground*

6022 *Solanum* *multiflorum*  
1 *along road - Es -*

6023 *Braguetia*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*

602 *Andropogon*  
1 *open ground*



Yehuacan A 8  
5500 ft

6030 Cendera  
Alfalfa field

6031 Fragaria  
Alfalfa field

6032 Sparganium  
farbolas (near edge)  
Spreading, prostrate  
in meadow, common

6033 Chloris  
Alfalfa field

6034 Lophocarpus  
Alfalfa field

6035 Pennisetum  
Alfalfa field, large  
bush, common, erect

6036 Paspalum  
Low bushy prostrate  
Grows in field  
Glomus affinis

Alfalfa field

6037 Distichlis  
Alfalfa field

6038 Muhlenbergia  
Alfalfa field  
Common, bushy, sterile  
Alfalfa field - Same  
annual

6039 Paspalum  
Alfalfa field

6040 Agrostis  
Alfalfa field

6041 Dichanthium  
Alfalfa field

6042 Phragmites  
Alfalfa field

6043 Bromus  
Alfalfa field



6051 *Paspalum*  
Along ditch

6052 *Paspalum*  
Along ditch

6053 *Paspalum*  
Along ditch

6054 *Paspalum*  
Along ditch

6055 *Paspalum*  
Along ditch

6056 *Paspalum*  
Along ditch

6057 *Paspalum*  
Along ditch

6058 *Paspalum*  
Along ditch

6059 *Paspalum*  
Along ditch

6060 *Paspalum*  
Along ditch

6061 *Paspalum*  
Along ditch

6062 *Paspalum*  
Along ditch

6063 *Paspalum*  
Along ditch

6064 *Paspalum*  
Along ditch

6065 *Paspalum*  
Along ditch

6066 *Paspalum*  
Along ditch

6067 *Paspalum*  
Along ditch



6066 *Echinochloa crus-galli* Nutt.  
Common  
Along by stream

6067 *Utricularia* *sp.*  
Along by stream

6068 *Panicum* *sp.*  
Wet field

6069 *Utricularia* *sp.*  
Wet field

6070 *Utricularia* *sp.*  
Wet field

6071 *Paspalum* *sp.*  
Wet field

6072 *Sporobolus* *sp.*  
Wet field

6073 *Chaetochloa* *sp.*  
Wet field

6074 *Chaetochloa* *sp.*  
Wet field

6075 *Chaetochloa* *sp.*  
Wet field

6076 *Chaetochloa* *sp.*  
Wet field

6077 *Chaetochloa* *sp.*  
Wet field

6078 *Chaetochloa* *sp.*  
Wet field

6079 *Chaetochloa* *sp.*  
Wet field

6080 *Chaetochloa* *sp.*  
Wet field

6081 *Chaetochloa* *sp.*  
Wet field

6082 *Chaetochloa* *sp.*  
Wet field



6077 *Conchocoma* *prostrata*  
Open dry ground

6078 *Muehlenbergia*  
1 Among cacti

6079 *Stipa*  
✓ Dry Cañon, good  
✓ Among cacti

6080 *Sporobolus* (*leucostachyus*)  
1 Flat place in Cañon  
hill

6081 *Muehlenbergia*  
✓ Flat place in Cañon  
hill

6082 *Bouteloua* *curtipendula*  
✓ Flat place in  
Cañon hill

6083 *Panicum* *curtipendula*  
✓ Cañon hill

6084 *Chenopodium* *berlandieri*  
✓ Cañon hill

6085 *Sporobolus* *leucostachyus*  
1 Edge of field

6086 *Stipa*  
1 River bottom

6087 *Panicum* *curtipendula*  
✓ Rocky cañon hill  
✓ Large specimen

6088 *Bouteloua* *curtipendula*  
✓ Cañon hill

6089 *Stipa*  
✓ Cañon hill

6090 *Stipa* *gambelii*  
1 Cañon hill

6091 *Stipa* *gambelii*  
✓ Cañon hill

6092 *Heteropogon* *contortus*  
✓ Cañon hill  
✓ Erect bunches



6093 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6094 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6095 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6096 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6097 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6098 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6099 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6100 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6101 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6102 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6103 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

Oaxaca Aug 12

6098 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.

6099 *Arctostaphylos*  
 Small greenish leaves,  
 flowers at base of leaves  
 pale, spreading, each  
 leaf.



6/55 *Syntherisma fil. uni*  
along river  
cl. 1, 2

6/56 *Chenopodium*  
along river

6/57 *Artemisia*  
along river

6/58 *Chenopodium*  
along river

6/59 *Erigeron*  
along river

6/60 *Paspalum*  
along river

6/61 *Chenopodium*  
along river

6/62 *Syntherisma*  
along river

6/63 *Erigeron*  
along river

6/64 *Chenopodium*  
along river

6/65 *Chenopodium*  
along river

6/66 *Chenopodium*  
along river

6/67 *Chenopodium*  
along river

6/68 *Chenopodium*  
along river

6/69 *Chenopodium*  
along river

6/70 *Chenopodium*  
along river



6/20 *Cotyledon*  
Rocky bank

6/21 *Diarrhoea*  
Along Ry

6/22 *Prickly*  
Meadow

6/23 *Eragrostis megast*  
Wet - grass

6/24 *Megast*  
Wet along track

6/25 *Eragrostis*  
Ed. of water - det.

6/26 *Eragrostis*  
Along Ry

6/27 *Cenchrus ciliaris*  
Sandy soil along Ry

6/28 *Cenchrus (Carolin)*  
Sandy soil along Ry

6/29 *Chloris*  
Open ground along Ry

6/30 *Paspalum*  
Open ground along Ry

6/31 *Cenchrus (long sp.)*  
Along ditch

6/32 *Chloris*  
Rocky bank

6/33 *Paspalum*  
Wet - bank

6/34 *Andropogon*  
Rocky bank

6/35 *Paspalum*  
Rocky bank

6/36 *Paspalum*  
Rocky bank, brown

6/37 *Paspalum*  
Wet - brown



613 *Grass*  
Rocky hill

614 *Grass*  
Rocky hill

615 *Grass*  
Rocky hill

616 *Grass*  
Rocky hill

617 *Grass*  
Rocky hill

618 *Grass*  
Rocky hill

619 *Panicum*  
Rocky hill

620 *Panicum*  
Rocky hill

621 *Panicum*  
Rocky hill

622 *Grass*  
Rocky hill

623 *Grass*  
Rocky hill

624 *Grass*  
Rocky hill

625 *Grass*  
Rocky hill

626 *Grass*  
Rocky hill

627 *Bouteloua filiformis*

628 *Grass*  
Rocky hill

629 *Paspalum*  
Low ground near river

630 *Paspalum*  
Along small stream

631 *Grass*  
Rocky hill



6155 Aristida domata  
2  
Rocky hill - Pan. 2  
Common divaricate  
Coastal scrub

6156 Clitach  
2  
Depression in wet  
land

6157 Clitach in herb  
1  
Rocky hill

6158 Aristida domata  
6  
Rocky hill - brush  
very bushy

6159 Aristida domata  
2  
Cliff in wet, diff.

6160 Aristida domata  
3  
Rocky cliff

6161 Aristida domata  
2  
Rocky hill, calm  
area, Pan. 2  
+ branching & spreading

6162 Sporobolus fasciculatus  
1  
Along road

6163 Eleusine indica  
1  
Along street

6164 Brachiaria  
1  
Rocky hill

6165 Aristida domata  
1  
Along road

6166 Aristida domata  
1  
Along road

6167 Sphaeropholis  
2  
Along ditch

6168 Aristida domata  
1  
Along track

6169 Paspalum  
2  
In wetland

6170 Eriochloa  
1  
Along ditch



6172 *Chloris virgata*  
2 Along ditch

6171 *Digitaria purpurea*  
2 Along ditch

6172 *Leptochloa*  
2 Along ditch

6173 *Paspalum*  
1 Along ditch

6174 *Hypochaeris glabra*  
2 Along ditch

6175 *Echinochloa crusgalli*  
3 Along ditch

6176 *Chenopodium*  
1 Along ditch

6177 *Paspalum*  
3 Along ditch

6178 *Eleusine indica*  
2 Along ditch

6179 *Paspalum*  
1 Along ditch

6180 *Digitaria purpurea*  
1 Along ditch

6181 *Echinochloa crusgalli*  
1 Along ditch - 2 ft. mowed

6182 *Paspalum*  
1 Along ditch. Varies much in height 2-5 ft

6183 *Syntherisma*  
1 Along ditch. 4-5 ft high. In a group of 8-10 ft

6184 *Chenopodium*  
1 Along ditch in mud

6185 *Paspalum* = 6182  
1 Along ditch

6186 *Leptochloa*  
2 Along ditch



6/67 *Pennisetum*  
Along ditch  
3

6/68 *Paspalum*  
Along ditch  
1

6/69 *Paspalum*  
Along ditch  
1

6/90 *Paspalum*  
Along ditch  
2

*Zizania* - Along ditch  
6/91 *Zizania*  
2  
Side of ditch along

6/92 *Panicum arizonicum*  
3  
Along ditch  
End of grassland

6/93 *Panicum*  
1  
Rocky bank

8/94 *Arundo*  
Rocky bank  
9/94

6/95 *Panicum fasciculatum*  
Rocky bank - In water  
Small clump  
End of grassland  
I with panicum & fern  
all spread the branches  
at intervals

6/97 *Pappobolus*  
Rocky bank near river  
Small clump  
Fern

6/98 *Cladonia*  
Rocky bank by river

6/99 *Cladonia*  
Rocky bank

6/99 *Cladonia* (long sp.)  
Rocky bank by river

6/200 *Panicum arizonicum*  
Rocky bank

6/201 *Colletia pappophoroides*  
Rocky cliff



6202 Chloropogon + villosa  
set Rocky Soil (M. m. m.)  
Large clump 4-12 inches  
↓ root

6203 Aristida  
set Dry soil

6204 Cenchrus  
2 Rock, sand

6205 Panicum (unclear)  
2 Dry hill

6206 Equisetum 3  
1 Along ditch

6207 Equisetum (unclear)  
1 (unclear)  
Rock, sand, all  
quadrants below  
this 3 long for

6208 Paspalum (unclear)  
1 Along ditch

6209 Paspalum (unclear)  
3 Along ditch

6210 Chloropogon  
Along ditch

6211 Panicum arizonicum  
set Rock, hill

6212 Pan. herbaceum  
Wheat - corn field  
with bottom level  
Annual center, near  
even, ascending from  
a point of or spreading  
from in exposed soil  
entire in presence  
of soil - common  
in this season  
Summer specimens?

6213 Equisetum  
Wheat in corn field

6214 Paspalum (unclear)  
Low woods

6215 Equisetum  
Along track



6216 *Naria*  
2 *Rugosa*  
*Ruellia* *Cuneata*

6217 *Ceanothus*  
3 *Along track*

6218 *Ceanothus*  
2 *Along track*

6219 *Ceanothus*  
2 *Along track on*  
*Rocks*

6220 *Chelidonium*  
2 *Along track*

6221 *Valeriana*  
1 *Along track*

6222 *Paspalum conjugatum*  
2 *Low woods*

6223 *Chelidonium*  
1 *Along ditch*  
*Chaetochloa*

6224 *Eriogonum*  
3 *Along ditch*  
*Low woods*

6225 *Paspalum*  
3 *Along ditch*

6226 *Chelidonium*  
3 *Along ditch*

6227 *Paspalum*  
3 *Along ditch*  
*Low woods*

6228 *Chelidonium*  
1 *Low woods*

6229 *Paspalum*  
1 *Low woods*

6230 *Paspalum*  
3 *Along ditch*

6231 *Paspalum*  
3 *Along ditch*



6232 *Eragrostis* <sup>per. densa</sup>  
Along P. trail

6233 *Bambusa* <sup>puberula</sup>  
Along ditch

6234 *Eleusine* <sup>indica</sup>  
Along ditch

6235 *Burc.* <sup>fruticosa</sup>  
Rural, low shrub

6236 *Spergularia* <sup>arguta</sup>  
Along P. trail

6237 *Capparis* <sup>pyramidalis</sup>  
Along P. trail

6238 *Cathartus* <sup>sp.</sup>  
Rural, low shrub

6239 *Cyperus* <sup>sp.</sup>  
Open ground along trail

6240 *Bouteloua* <sup>curtipendula</sup>  
Rural (Grassland)  
Along P. trail

6241 *Chaetochloa* <sup>monostachya</sup>  
Rural  
Crops + along trail

6242 *Stylosanthes* <sup>sp.</sup>  
Along ditch

6243 *Stylosanthes* <sup>sp.</sup>  
Rural, low shrub

6244 *Leptochloa* <sup>sp.</sup>  
Rural, low shrub

6245 *Stylosanthes* <sup>sp.</sup>  
Along ditch

6246 *Stylosanthes* <sup>sp.</sup>  
Along ditch

6247 *Stylosanthes* <sup>sp.</sup>  
Rural, low shrub

6248 *Stylosanthes* <sup>sp.</sup>  
Rural, low shrub

6249 *Stylosanthes* <sup>sp.</sup>  
Rural, low shrub

6250 *Stylosanthes* <sup>sp.</sup>  
Rural, low shrub



6249 *Amelanchier*  
1 Along trail

9000-14000 ft  
Mt. Longhorn  
10000 ft  
6250 *Brown*  
1 Near summit  
13000 feet - soil very  
granular, all the way

6251 *Brown*  
2 Near summit  
6252 *Brown*  
1 Badly eroded

6253 *Chrysopsis*  
5 Badly eroded, covered  
13000 ft

6254 *Poa*  
3 Sparse, common  
In grassy areas  
border of meadow

6255 *Festuca repens*  
1  
6256 *Festuca*  
1  
6257 *Festuca*  
1  
6258 *Festuca*  
1  
6259 *Festuca*  
1  
6260 *Festuca*  
1  
6261 *Festuca*  
1  
6262 *Festuca*  
1  
6263 *Festuca*  
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6264 *Festuca*  
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6265 *Festuca*  
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6266 *Festuca*  
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6267 *Festuca*  
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6268 *Festuca*  
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6269 *Festuca*  
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6270 *Festuca*  
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6271 *Festuca*  
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6272 *Festuca*  
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6273 *Festuca*  
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6274 *Festuca*  
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6275 *Festuca*  
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6276 *Festuca*  
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6277 *Festuca*  
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6278 *Festuca*  
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6279 *Festuca*  
1  
6280 *Festuca*  
1  
6281 *Festuca*  
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6282 *Festuca*  
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6283 *Festuca*  
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6284 *Festuca*  
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6285 *Festuca*  
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6286 *Festuca*  
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6287 *Festuca*  
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6288 *Festuca*  
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6289 *Festuca*  
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6290 *Festuca*  
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6291 *Festuca*  
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6292 *Festuca*  
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6293 *Festuca*  
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6294 *Festuca*  
1  
6295 *Festuca*  
1  
6296 *Festuca*  
1  
6297 *Festuca*  
1  
6298 *Festuca*  
1  
6299 *Festuca*  
1  
6300 *Festuca*  
1

Aug 18  
6257 *Festuca livida* (W.B.K.) Willd.  
Common below summit  
leaves a brownish color  
Bunches. Same as 6256

6258 *Festuca*  
1  
6259 *Festuca*  
1  
6260 *Festuca*  
1  
6261 *Festuca*  
1  
6262 *Festuca*  
1  
6263 *Festuca*  
1  
6264 *Festuca*  
1  
6265 *Festuca*  
1  
6266 *Festuca*  
1  
6267 *Festuca*  
1  
6268 *Festuca*  
1  
6269 *Festuca*  
1  
6270 *Festuca*  
1  
6271 *Festuca*  
1  
6272 *Festuca*  
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6273 *Festuca*  
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6274 *Festuca*  
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6275 *Festuca*  
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6276 *Festuca*  
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6277 *Festuca*  
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6278 *Festuca*  
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6279 *Festuca*  
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6280 *Festuca*  
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6281 *Festuca*  
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6282 *Festuca*  
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6283 *Festuca*  
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6284 *Festuca*  
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6285 *Festuca*  
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6286 *Festuca*  
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6287 *Festuca*  
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6288 *Festuca*  
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6289 *Festuca*  
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6290 *Festuca*  
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6291 *Festuca*  
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6292 *Festuca*  
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6293 *Festuca*  
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6294 *Festuca*  
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6295 *Festuca*  
1  
6296 *Festuca*  
1  
6297 *Festuca*  
1  
6298 *Festuca*  
1  
6299 *Festuca*  
1  
6300 *Festuca*  
1

6255 *Opuntia*  
1  
6256 *Opuntia*  
1  
6257 *Opuntia*  
1  
6258 *Opuntia*  
1  
6259 *Opuntia*  
1  
6260 *Opuntia*  
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6261 *Opuntia*  
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6262 *Opuntia*  
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6263 *Opuntia*  
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6264 *Opuntia*  
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6265 *Opuntia*  
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6266 *Opuntia*  
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6267 *Opuntia*  
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6268 *Opuntia*  
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6269 *Opuntia*  
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6270 *Opuntia*  
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6271 *Opuntia*  
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6272 *Opuntia*  
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6273 *Opuntia*  
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6274 *Opuntia*  
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6275 *Opuntia*  
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6276 *Opuntia*  
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6277 *Opuntia*  
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6278 *Opuntia*  
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6279 *Opuntia*  
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6280 *Opuntia*  
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6281 *Opuntia*  
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6282 *Opuntia*  
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6283 *Opuntia*  
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6284 *Opuntia*  
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6287 *Opuntia*  
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6288 *Opuntia*  
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6289 *Opuntia*  
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6290 *Opuntia*  
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6291 *Opuntia*  
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6292 *Opuntia*  
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6293 *Opuntia*  
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6294 *Opuntia*  
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6295 *Opuntia*  
1  
6296 *Opuntia*  
1  
6297 *Opuntia*  
1  
6298 *Opuntia*  
1  
6299 *Opuntia*  
1  
6300 *Opuntia*  
1



6200 Festuca leptaerophila  
1 Blue grass  
Grassland, low cover  
June 1st 1900

6201 Vicia  
1 All about 13000

6202 A. vertic; hum. 25  
1 Open woods 8000 ft  
Rough, low cover  
cal. 1/2 inch, small  
for the bunches

6203 Festuca  
2 Low, bunches at  
8-9000 ft - Sum - in  
cups.

6204 Pteris  
1 Open woods, 8000 ft

6205 Calamagrostis  
1 Calamagrostis  
Open woods  
9000 ft

6206 Onyza  
1 Open woods 8000 ft

6207 Festuca tenuis  
1 Blue grass  
Low bunches 9000 ft

6208 Chalcicamula  
19  
9000 ft  
Sporobolus  
Dry ground along track  
Deep root system.

6209 Bromus  
20. 10000 ft  
Bunches of weeds  
along track (where it  
can not be reached by  
stock)

6210 Pteris  
240  
Dry ground, low cover  
Some soil, some  
difficult to reach some distance

6211 Boragin  
241  
Rocky hill - low  
cover, low cover

6212 Boragin  
242  
Rocky hill -



6273 *Aristida*  
Desert, wet - rocky  
Set  
Seven inch fuzzy palm

6274 *Slipa*  
Rocky hill among  
Set  
Clambs

6275 *Slipa*  
Along ravine at base  
Set  
of hill, knobs with

6276 *Episcopus*  
Rocky hill - large  
Set  
terminal

6277 *Brown*  
Ravine in rocky hill  
Set  
and clamps - Pan. small

6278 *Chelidonium*  
Rocky hill

6279 *Deschampsia*  
3  
Rocky hill

6280 *Poa annua*  
1  
Wet - along road

6281 *Eriogonum*  
1  
Wet in open dry ground

6282 *Eriogonum*  
1  
Wet in open dry ground

6283 *Platystemon*  
2  
Rocky hill

6284 *Prunella*  
2  
Rocky hill

6285 *Spiraea*  
1  
Rocky hill

6286 *Muhlenbergia*  
1  
Rocky hill in depression  
Annual

6287 *Brown*  
1  
Along ditch in field

6288 *Boulevard*  
3  
Along ditch in field



6285 *Trisetum* *divaricatum*  
along ditch  
Piedmont hills

6290 *Prunella*  
along ditch  
Springs, Ala. hills  
Piedmont

6291 *Prunella* *divaricata*  
along ditch

6292 *Poa annua*  
Field

6293 *Eragrostis* *divaricata*  
Common weed in  
woods. Small grove  
of spruce pine

6294 *Eragrostis* *divaricata*  
= 6243, *Lupinus*  
from common road  
in fields

6295 *Eragrostis* *divaricata*  
Common weed in field

6296 *Eragrostis* *divaricata*  
Common weed in field

6297 *Poa annua*  
Field

6298 *Poa annua*  
Rocky hill

6299 *Poa annua*  
Rocky hill

6300 *Poa annua*  
Rocky hill

6301 *Poa annua*  
Rocky hill

6302 *Poa annua*  
Rocky hill

6303 *Aristida* *divaricata*  
Rocky hill = 6289



6303 *Muhlenbergia* ...  
✓

6304 *Chenopodium* ...

6305 *Atriplex* ...  
along river

6307 *Sarcobatus* ...  
along river

6308 *Sporobolus* ...  
along river

6309 *Eragrostis* ...  
along river  
Sand of the common  
weed in fields

Orizaba Aug 23 4000 ft

6310 *Eragrostis* ...  
along river

6311 *Eragrostis* ...  
along river

Aug 24  
Village of Las Plumas

along river west of Orizaba  
in field along a ditch  
along road

6312 *Pasp. vaginatum*

6313 *Pasp. lepidum*

6314 *Pasp. latifolium*

6315 *Brachiaria plantaginifolia*

6316 *Elymus*

6317 *Sorghum halepense*

6318 *Pasp. conjugatum*



6315 *Sporobolus uncinatus*

6320 *Chenopodium purpureum*

6321 *Syntherisma sanguinalis*

6322 *Paspalum notatum*

6323 *Paspalum*  
(*Stenotaphrum secundatum*)

6324 *Chenopodium*

6325 *Chenopodium*

6326 *Chenopodium*

6327 *Chenopodium*

6328 *Paspalum*

6329 *Eragrostis*

6330 *Chaetium bogoriense*  
(*Chaetium*)  
growing in bunches  
in ditches

6331 *Trisetum dasyachneoides*

6332 *Pharus*

6333 *Eragrostis*

6334 *Andropogon saccharatus*

6335 *Agrostis glauca*

6336 *Chloris*

6337 *Eragrostis*

6338 *Eragrostis*

6339 *Cenchrus*

6340 *Sporobolus indicus*  
1 *Sporobolus abnormis*

6341 *Eragrostis* = 6321

6342 *Andropogon glauca*

6343 *Pennisetum purpurascens*



6331 *Echinochloa purgalli* sabulosa  
Ethiopia (Cen)  
Palm. L. near Aug.

6332 *Zizania* ...

6333 *Paspalum* ...

6334 *Paspalum* ...

On rock, hill side  
of ... on ... with  
occasional glaucous

6335 *Arundinaceae* ...

6336 *Distichlis* ...

6337 *Distichlis* ...  
Palm. L. ...

6338 *Distichlis* ...

6339 *Sorghastrum tinctorum* ...

6340 *Pennisetum* ...

6341 *Andropogon* ...

6342 *Paspalum humboldtianum* ...

6343 *Pennisetum* ...

6344 *Pennisetum* ...

6345 *Pennisetum* ...

6346 *Andropogon* ...

6347 *Pennisetum* ...

6348 *Pennisetum* ...

6349 *Pennisetum* ...

6350 *Pennisetum* ...

6351 *Pennisetum* ...

6352 *Pennisetum* ...

6353 *Pennisetum* ...

6354 *Pennisetum* ...



44/ In the same place  
in the neighborhood  
about 1000 ft.

638 / Endopogon (Fam)  
Leaves firm and soft  
sh. rugulose  
Charles Chan 63844



6382 *Hemerocallis*  
*H. ligularis*  
 In woods, near  
 creek, very common  
 Set Petals blue but soon  
 faded after a storm  
 Corolla small, thin  
 Long branching, dense plant

6383 *Panicum* (Schubert)  
*Hack*  
 Shady woods in rich  
 loam at base of rock  
 cliff. Culms creeping  
 growing at base of  
 scrub, very lush &  
 ascending branches above  
 a foot high. This is  
 a species of *Opilismenus*  
 Abundant in places  
 Blades in one plane  
 to end of culm. Culm  
 over. — Perennial  
 blades dried down

638 *Panicum* *butyraceum*  
 In open grassy side of  
 hill. — Perennial flower

638 *Panicum fasciculatum*  
 Culms erect, branched  
 height - 1 1/2 ft. or more  
 by much to 6 ft high (-8 ft)  
 Culms at first narrow  
 later broader, later  
 becoming very large  
 & diffuse. Culms  
 1/2 in. to 1 1/2 ft wide  
 Culms. No flowers. open  
 woods hill top, among brush

638 *Panicum viscidellum*  
 In an old field - abun-  
 dant, but one seen  
 of old field, a few culms  
 in top of hill  
 In white lake P. ex-  
 green. Many culms,  
 densely branched prostrate  
 base. Old seed very  
 in color of berries smaller



6387 *Paspalum* *monatum*  
Shrubby rich soil

6388 *Agrostis*  
In soil of field

6389 *Panicum* *hispidum*  
Growing in clump of  
20-40 bushes near a  
climbing shrub tree  
10-15 ft high. It is  
growing in the shade of  
the shrub. It is  
from clump of bushes  
at base of or at top of hill  
near or by pelesang by  
river. It is very hispid  
in shade, rich loam  
in top of hill (1000 ft  
above Arigaba).

6390 *Amorpha*

6391 *Panicum* *glaberrimum*  
to 6393. It is a  
seen member.

6392 *Panicum* *multicaule*  
In soil of field  
along road to Arigaba

6393 *Panicum* *multicaule*  
In soil of field  
along road to Arigaba  
seems different  
from 6392

6394 *Panicum* *multicaule*  
In soil of field along  
road to 6392 & 6393



Cordoba Ar. 26  
2700 ft

6395 *Phytolacca* andr.  
1 Along river bank

6396 *Acetabularia*  
1 Near along creek

6397 *Populus*  
2 Along river bank

6398 *Chenopodium*  
1 Weed along creek

6399 *Eragrostis*  
1 Weed along creek

6400 *Paspalum latipanicum*  
1 Pasp. dense  
Weed along creek

6401 *Spergularia*  
1 Weed along creek

6402 *Eragrostis*  
✓ Weed along creek

6403 *Eragrostis mexicana*  
Weed

6404 *Chenopodium*  
Weed

6405 *Brickellia*  
Weed

6406 *Eragrostis*  
Weed

6407 *Paspalum*  
Weed

6408 *Syntherisma*  
Weed

6409 *Populus*  
Weed

6410 *Populus*  
Weed along river bank

6411 *Paspalum*  
Weed



01. Andropogon paniculatus  
Clay cut.

02. Paspalum  
Clay cut.

03. Paspalum  
Clay cut.

04. Yellow grass  
Mud

05. Paspalum  
Clay cut.

06. Paspalum  
Clay cut.

07. Paspalum  
Clay cut.

08. Andropogon  
Clay bank.

09. Andropogon  
Clay bank.

Panicum  
Clay cut.

10. Paspalum  
Clay cut.

11. Paspalum  
Clay cut.

12. Paspalum  
Clay cut.

13. Paspalum  
Clay cut.

14. Paspalum  
Clay cut.

15. Paspalum  
Clay cut.

16. Paspalum  
Clay cut.

17. Paspalum  
Clay cut.

18. Paspalum  
Clay cut.



On the 1st of June, 1881

62, Chapman Ave  
 1000 Long Beach  
 1000 Long Beach  
 1000 Long Beach

6429 *Arundinella*  
*longicaulis* *Long. & Chap.*

6430 *Clay* *notatum*  
*Clay* *notatum*  
*Clay* *notatum*  
*Clay* *notatum*

13. *Phacelia*

(B) - ... ..  
... ..

3. *Parus* - 1 in  
wood - 1 in  
Tall - 1 in 3-4 ft  
nest

10-12-1964

13. The number of  
miles, feet

A 500 lb. from Cuscuta  
Growth. Brought home  
from cold storage.  
P. C. C.

12. *Panicum* *capillare*  
*capillare* *capillare*  
*capillare* *capillare*  
*capillare* *capillare*



188

432

647

432

6470

647

678-2

Dec 10  
 Dec 11  
 Dec 12  
 Dec 13  
 Dec 14  
 Dec 15  
 Dec 16  
 Dec 17  
 Dec 18  
 Dec 19  
 Dec 20  
 Dec 21  
 Dec 22  
 Dec 23  
 Dec 24  
 Dec 25  
 Dec 26  
 Dec 27  
 Dec 28  
 Dec 29  
 Dec 30  
 Dec 31



643 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

644 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

645 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

646 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

647 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

648 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

649 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

650 Sporobolus pulchellus  
Sporobolus pulchellus  
Wet meadow

651 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

652 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

653 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

654 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

655 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

656 Paspalum viviparum  
Paspalum viviparum  
Wet meadow

657 Paspalum viviparum  
Paspalum viviparum  
Wet meadow



4456 *Sarcocolla purpurascens*  
 ...  
 ...  
 ...

set  
 ...  
 ...  
 ...

4457 *Panicum ...*  
 Along ditch  
 ...

4458 *Panicum ...*  
 In edge of ...  
 ...  
 ...

4459 *Oplismenus hirtellus* Spreng.  
 ...  
 ...

4460 *Oplismenus hirtellus*  
 ...  
 ...

4461 *Oplismenus hirtellus*  
 ...  
 ...

4462 *Oplismenus hirtellus*  
 ...  
 ...

8500 ft

Copernicus Aug 20

Step ...  
Dry open ground

4463 *Oplismenus hirtellus*  
Dry open ground

4464 *Oplismenus hirtellus*  
Along ...  
open ground

4465 *Oplismenus hirtellus*  
Along ...

4466 *Oplismenus hirtellus*  
Dry open ground  
... 6275



6868 *Chlorocytus*  
along by road

6869 *Slap*  
along by road

6870 *Muhlenbergia*  
Rocky hill

6871 *Muhlenbergia*  
Rocky hill

6872 *Festuca*  
Rocky hill

6873 *Muhlenbergia*  
Rocky hill

6874 *Bouteloua*  
Rocky hill

6875 *Tridax*  
Rocky hill

6876 *Deschampsia*  
Rocky hill

6877 *Bouteloua*  
Rocky hill

6878 *Piper*  
Rocky hill

6879 *Eriogonum*  
Rocky hill

6880 *Quercus*  
Rocky hill

6881 *Quercus*  
Rocky hill

6882 *Silene*  
Rocky hill

6883 *Bouteloua*  
Rocky hill

6884 *Perovskia*  
Rocky hill

6885 *Eriogonum*  
Rocky hill



6486 *Stipa* *capensis*  
Rocky hill

6487 *Artemisia* *wrightii*  
Rocky hill

6488 *Stipa*  
Rocky hill

6489 *Artemisia*  
Rocky hill

6490 *Festuca*  
Rocky hill

6491 *Eriogonum*  
Rocky hill

6492 *Artemisia* *palmeri*  
Rocky hill

6493 *Artemisia*  
Rocky hill

6494 *Stipa* *capensis*  
Rocky hill

6495 *Bromus* *raciniatus*  
Rocky hill

6496 *Eriogonum*  
Along P.

6497 *Artemisia*  
Along P.

6498 *Stipa*  
Along P.

6499 *Stipa*  
Along P.

6500 *Stipa*  
Along P.

6501 *Stipa*  
Along P.

6502 *Stipa*  
Along P.

6503 *Eriogonum*  
Along P.



6501 *Brya hypnoidium mexicanum*  
along the  
1 11

San Juan  
Chlorophyllum  
Embryophyta

6502 *Chlorophyllum*  
3

6503 *Chlorophyllum*

6507 *Sporobolus*

6508 *Valeriana*

6509 *Ragwort*

6510 *Barbula*

6511 *Chlorobolus*

6512 *Chlorobolus*

6513 *Muhlenbergia*

6514 *Pappophorum*

8500

6515 *Aristida*  
*diversa*

6516 *Bromus*

6517 *Bromus*

6518 *Eragrostis* (step)

6519 *Stipa*

6520 *Stipa*

6521 *Stipa*

6522 *Stipa*  
leaves, seed heads  
yellow-green

6523 *Stipa*

6524 *Stipa*

6525 *Muhlenbergia*  
*Sacchar*

6526 *Stipa*



6527 *Antropogon barbinodis*  
Barbinodis

Barbinodis

6528 *Antropogon barbinodis*  
Large clump 20-30 cm  
Stems erect, fls.  
Sweet, fls.

6529 *Muhlenbergia*  
Large clump  
Stems erect

6530 *Antropogon*  
Large clump - spray

6531 *Stenotaphrum*  
Large clump

6532 *Antropogon*  
Large clump

6533 *Muhlenbergia*  
Large clump

6534 *Eragrostis*  
Large clump

6535 *Syntherisma*  
Large clump

6536 *Antropogon divaricata*  
Large clump

6537 *Antropogon*  
Large clump

6538 *Antropogon*  
Large clump

6539 *Antropogon*  
Large clump

6540 *Antropogon*  
Large clump

6541 *Antropogon*  
Large clump

6542 *Antropogon*  
Large clump

6543 *Antropogon*  
Large clump

6544 *Antropogon*  
Large clump

6545 *Antropogon*  
Large clump

6546 *Antropogon*  
Large clump

6547 *Antropogon*  
Large clump

6548 *Antropogon*  
Large clump



Handwritten signature: *John C. ...*



at low tide  
smaller corup...  
at low tide, I...  
dune - 8 - 10 p.m.

6547 *Panicum brevifolium*  
Sandy, prairie

6548 *Cenchrus*  
Sandy, prairie

6549 *Digitaria*  
Sandy, prairie

6550 *Asterophorus*  
Sandy, prairie

6551 *Synagrostis macrostachya*  
Sandy, prairie

6560 *Eragrostis ciliaris*  
Along Bay

6561 *Paspalum*  
Low prairie

6562 *Panicum medium*  
Sandy, dune

6563 *Aster*  
Sandy, dune

6564 *Loxylepis*  
Sandy, prairie

6565 *Paspalum*  
Sandy, prairie

6566 *Synagrostis macrostachya*  
Sandy, prairie

6567 *Sporobolus vagans*  
Sandy beach

6568 *Paspalum*  
Sandy beach

6569 *Echinops*  
Went along shore

6570 *Echinops*  
Went along shore



6571 *Cinchona echinata*  
*Cinchona* (celastrol)  
Sandy wood

6572 *Quercus pubescens*  
Wet clay soil

6573 *Chamaecrista* *canadensis* *var. purpurea*  
Sandy soil

6574 *Hesperis matronalis*  
Sandy soil  
Wet clay soil

6575 *Cinchona*  
Sandy soil

6576 *Sparganium angustifolium*  
Along harbor front

6577 *Sparganium angustifolium*  
Along harbor front

6578 *Aster*  
Sandy place

6579 *Cinchona echinata*  
Sandy place

6580 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6581 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6582 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6583 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6584 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6585 *Crucianella gigantea*  
Sandy soil  
Wet clay soil

6586 *Crucianella gigantea*  
Sandy soil  
Wet clay soil



4600pt

447 to 448. X-chromosome  
449 to 450. Y-chromosome

50  
August 1891  
Chas. L.

1890

1. *Calliandra*

Page 10

100

1

Charles H. ...



6598 *Andropogon saccharoides*  
Thorny area

6599 *Andropogon saccharoides*  
Along stream

6600 *Andropogon saccharoides*  
Thorny area

6601 *Andropogon saccharoides*  
Thorny area

6595 *Andropogon saccharoides*  
Along stream

6602 *Andropogon saccharoides*  
Thorny area

6601 *Andropogon saccharoides*  
Along stream

6602 *Andropogon saccharoides*  
Along stream

6603 *Andropogon saccharoides*  
Along stream

6604 *Andropogon saccharoides*  
Along stream

6605 *Andropogon saccharoides*  
Among shrubs

6606 *Andropogon saccharoides*  
Among shrubs

6607 *Andropogon saccharoides*  
Along stream

6608 *Andropogon saccharoides*  
Shrubs along stream

6609 *Andropogon saccharoides*  
Shrubs along stream

6610 *Andropogon saccharoides*  
Along stream

6611 *Andropogon saccharoides*  
Along stream

6612 *Andropogon saccharoides*  
Along stream



6412 *Panicum* ~~diversum~~  
Panic. *chlorostachya*  
9th Clay cut

6413 *Paspalum*  
Along Ry. High  
neglected

6414 *Paspalum*  
v. Clay cut

6415 *Agrostis* ~~fragrans~~  
at pasture  
set Clay cut along  
perennial

6416 *Sporobolus* *erectus* Hitchc.  
n. sp.  
set Clay cut in  
clumps

6417 *Paspalum*  
Along Ry. track  
some rich soil among  
stones on each side  
of angle iron

6418 *Arundo donax*  
v. Along Ry. track  
rich soil

6419 *Hordeum* ~~monanthum~~  
*anchaetoides*  
Along Ry. track

6420 *Paspalum* *levidense*  
v. Along Ry.

6421 *Poa* *negunda*  
v. Along Ry.

6422 *Chenopodium*  
v. Along Ry.

6423 *Chenopodium* *purpureum*  
v. Along Ry. This  
year seems to be  
common on hill

6424 *Panicum* *levidense*  
v. Clay cut

6425 *Poa* *annua*  
v. Along street

6426 *Andropogon* *paniculatus*  
v. Along Ry.



- 6632 *Panicum* <sup>enchryoides</sup>  
 1 *clavatum*
- 6633 *Panicum*  
 1 *clavatum*
- 6634 *Panicum*  
 1 *clavatum*
- 6635 *Panicum*  
 1 *clavatum*
- 6636 *Panicum*  
 1 *clavatum*
- 6637 *Panicum*  
 1 *clavatum*
- 6638 *Panicum*  
 1 *clavatum*
- 6639 *Panicum*  
 1 *clavatum*
- 6640 *Panicum*  
 1 *clavatum*

- 6634 *Panicum*  
 1 *clavatum*
- 6635 *Panicum*  
 1 *clavatum*
- 6636 *Panicum*  
 1 *clavatum*
- 6637 *Panicum*  
 1 *clavatum*
- 6638 *Panicum*  
 1 *clavatum*
- 6639 *Panicum*  
 1 *clavatum*
- 6640 *Panicum*  
 1 *clavatum*



1/2 inch of rain

✓ Blackberry 17



1664 *Triphalium* <sup>var. ...</sup>  
 ...  
 ...  
 ...

1665 *Elonurus*  
 ...  
 ...  
 ...

1666 *Andropogon* = *Andropogon*  
 ...  
 ...  
 ...

1667 *Andropogon* (*A. tetra tachys*)  
 ...  
 ...  
 ...

1668 *Andropogon* <sup>var. ...</sup>  
 ...  
 ...  
 ...

1669 *Coolipia* <sup>Sap.</sup>  
 ...  
 ...  
 ...

1670 *Andropogon* <sup>var. ...</sup>  
 ...  
 ...  
 ...

1671 *Pan* (*Andropogon*)  
 ...  
 ...  
 ...



6666 *Propaganda*

6665 *Amphiprion*

6670 *Amphiprion* (attracted to)

6671 *Amphiprion*

6672 *Sargassum*

Sit Large coral clump  
Base of blue structure  
Shallow water  
Prawn to clay dry  
cut.

6673 *Propaganda*

6674 *Amphiprion*

4 2 large leafy green  
in the water

6675 *Amphiprion*

1 Around shady spring  
place

6676 *Propaganda*

6677 *Amphiprion*

6678 *Amphiprion*

6679 *Amphiprion*

6680 *Amphiprion*

6681 *Amphiprion*

6682 *Amphiprion*

6683 *Amphiprion*

6684 *Amphiprion*

6685 *Amphiprion*

6686 *Amphiprion*

6687 *Amphiprion*

6688 *Amphiprion*

6689 *Amphiprion*



6682 *Myndus* ...

Set ...

bet. Coatepec Jalapa  
manis ...

8 ...  
plenum

Set ...

along R. in low  
woods, large clump

Set 3-6 ...

... purple

6686 *... thes*

6687 ...

6688 *Cenchrus*

Popo Park Est. de Mex  
Aug 8.

6689 *Eragrostis*  
same

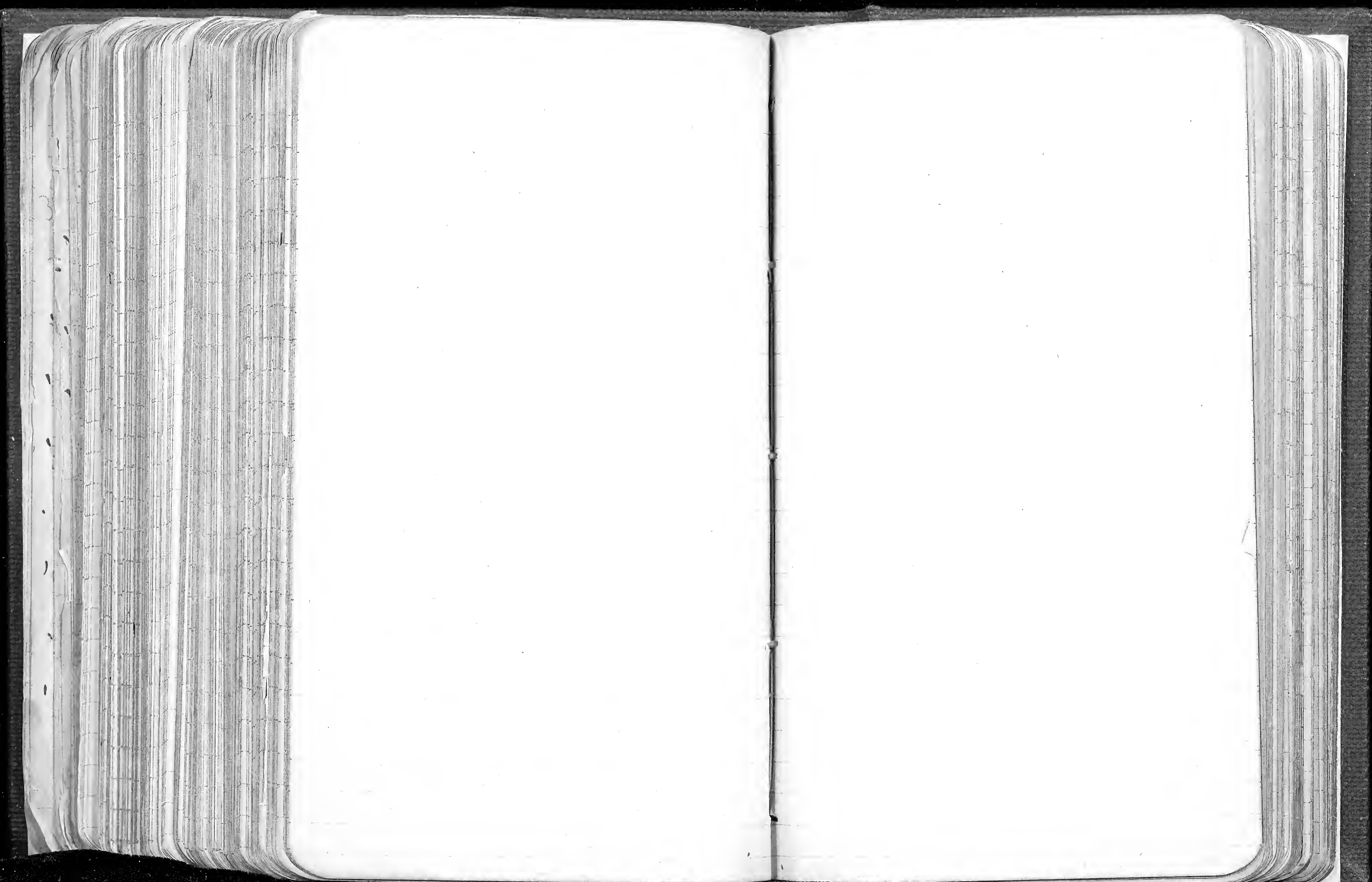
6690 *...*

6691 *...*

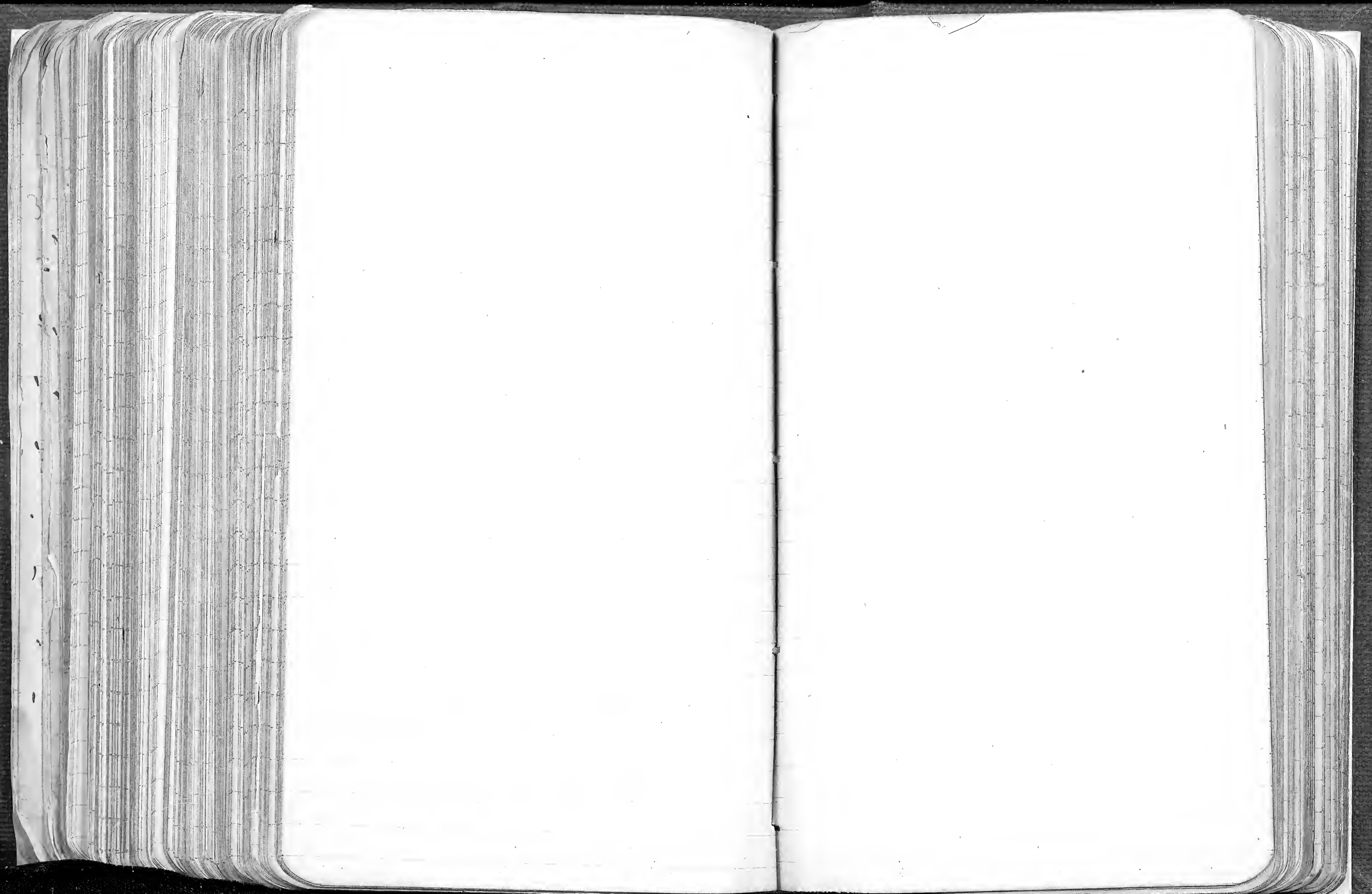
6693 *Setaria ...*

6695 *Xoplon ...*











581  
6648 Muhlenbergia  
6581 Panicum bartramianum  
6660 Andropogon  
6661 Andropogon  
6638 Panic. polypurpureum



- 6330 *Achloea*?  
 6383 *Panicum* (*Schmitzii*)  
 6391 *Panicum* (*glaberrimum*)  
 6434 *P.* *unicolor*  
 6421 *P.* *laxum*  
 6394 *P.* *sphaerocarpon*  
 6393 *Lasiacis*  
 6392 *Panicum multicaule*  
 6434 *Panicum* *gizanioides*  
 6435 *P.* (*laxum*)  
 6437 *P.* *Sellowii*  
 6438 *Dimorphostachys*  
 6458 *Lasiacis*  
 6461 *Panicum rhiphioides*  
 6459 *P.* (*paniculatum*)  
 6385 *Lasiacis*  
 6384 *Pan. viscidellum*  
 6543 *Sporobolus*  
 6528 *Epilamprocarpon* (*macraea*)  
 6422 *Pan. procerum*  
 6522 *Histia*  
 6542 *Muhlenbergia*  
 6541 *Muhlenbergia*  
 6529 *Muhlenbergia*

- 6464 *Brizopsis*  
 6463 *Stipa*  
 551 *Pan. gracile*  
 554 *Syntherisma*  
 553 *Eragrostis*  
 6542 *Sporobolus dominicensis*  
 558 *Andropogon*  
 6547 *Trachypogon gracilis*  
 6769 *Agropyron*  
 6782 *Brundagea*  
 553 *Muhlenbergia*  
 6585 *Ptychophyllum*  
 6622 *Sorghastrum*  
 6580 *Eragrostis* (*maxima*)  
 6676 *Panicum glutinosum*  
 6657 *Paspalum*  
 6658 *Eleusine*  
 6616 *Sporobolus*  
 6655 *Andropogon*  
 6615 *Agrostis*  
 6611 *Panicum costaricense*  
 6612 *P.* *olivaceum*  
 6650 *P.* *commutatum*  
 6688 *Ischaemum*



6092 *Heteropogon* 30  
 6094 *Aristida*  
 6072 *Aegopogon*  
 6031 *Eragrostis*  
 6079 *Stipa*  
 6093 *Aristida*  
 6095 *Chaetochloa*  
 6075 *Aristida*  
 6064 *Chaetochloa*  
 6074 *Bouteloua*  
 6211 *Panicum aripnium*  
 6197 *Pappophorum*  
 6212 *Panicum hirticaule*  
 6203 *Aristida*  
 6202 *Chloropsis*  
 6270 *Scleropogon*  
 6271 *Bouteloua*  
 6272 *Bouteloua*  
 6273 *Aristida*  
 6274 *Stipa*  
 6275 *Stipa*  
 6276 *Epicamps*  
 6149 *Muhlenbergia*  
 6136 *Bouteloua*

6462 *Panicum*  
 6150 *Bouteloua*  
 6164 *Bouteloua* (*Hilaria*?)  
 6097 *Epizica*?  
 6304 *Muhlenbergia*  
 6372 *Panicum* (*oblongum*)  
 6035 *Cenchrus*  
 6463 *Panicum*  
 6000 *Deschampsia*  
 6001 *Festuca*  
 6480 *Cinna*  
 6481 *Muhlenbergia*  
 6479 *Festuca*  
 6360 *Elymus*  
 6381 *Andropogon*  
 6473 *Oryzopsis*  
 6011 *Bromus*  
 6486 *Danthonia*  
 6482 *Poa*  
 6032 *Sporobolus*  
 6036 *Epizica*?  
 6038 *Muhlenbergia*  
 6460 *Panicum pilonum*  
 6482 *Aeluropus*  
 6462 *Aplisurus*



26. Oaxaca 1.08

27 Chalchicomula 82 " interior

28 " 82 "

29-33 Esperanza \$5.18 "

34-37 Vera Cruz 3.88 "

38-41 Mexico - Spiz. 3.00 "

42 Toluca 1.08 "

~~43-44 Huapam~~

Photo

Roll 412 - 1-7 Paper photo

5 - left of bridge

6 - left of bridge

(6002)

7-7 Papas Peak



2179%

1910

Book 3

6700-7569.



6699 ft 9899 ft 6686 ft 6689 ft

Bahia Sept 6  
8000 ft

6700 *Trichomanes*

6701 *Polypodium*  
3 *Polypodium*

6702 *Polypodium*  
3 *Polypodium*

6703 *Polypodium*  
3 *Polypodium*

6704 *Polypodium*  
2 *Polypodium*

6705 *Polypodium*  
1 *Polypodium*

6706 *Polypodium*  
2 *Polypodium*



6707 *Tridax*  
Rocky hill

6708 *Asplenium*  
Rocky hill

6709 *Asplenium*  
Rocky hill

6710 *Bouleau*  
Rocky hill

6711 *Bouleau*  
Rocky hill

6712 *Asplenium*  
Rocky hill

6713 *Asplenium*  
Rocky hill

6714 *Asplenium*  
Rocky hill

6715 *Asplenium*  
Rocky hill

6716 *Asplenium*  
Rocky hill

6717 *Asplenium*  
Rocky hill

6718 *Asplenium*  
Rocky hill

6719 *Asplenium*  
Rocky hill

6720 *Asplenium*  
Rocky hill

6721 *Asplenium*  
Rocky hill

6722 *Asplenium*  
Rocky hill

6723 *Asplenium*  
Rocky hill

6724 *Asplenium*  
Rocky hill



6724 *Trigonotis*  
✓ Rocky hill - annual

6725 *Erigeron*  
✓ Rocky hill - annual

6726 *Chenopodium*  
✓ Rocky hill

6727 *Arctostaphylos*  
✓ Rocky hill - 0

6728 *Micranthemum*  
✓ Rocky hill

6729 *Spergularia*  
✓ Rocky hill

6730 *Trisetum*  
✓ Rocky hill

6731 *Festuca*  
✓ Rocky hill - tall perennial

6732 *Festuca*  
✓ Rocky hill - annual

6733 *Tipoglossa*  
✓ Rocky hill - small  
perennial - golden

6734 *Chrysopsis*  
✓ Rocky hill - forming  
large patches, tall

6735 *Asperula*  
✓ Rocky hill - annual

6736 *Spergularia*  
✓ Rocky hill

6737 *Trisetum*  
✓ Rocky hill

6738 *Asperula*  
✓ Rocky hill



6739 *Quercus*  
along road

6740 *Quercus*  
small

6741 *Quercus*  
along road

6742 *Quercus*  
along road

6743 *Quercus*  
along road

6744 *Quercus*  
along road

6745 *Quercus*  
along road

6746 *Quercus*  
along road

6747 *Quercus*  
along road

6748 *Quercus*  
along road

6749 *Quercus*  
along road

6750 *Quercus*  
along road

6751 *Quercus*  
along road

6752 *Quercus*  
along road

6753 *Quercus*  
along road



6760

Always by

6761

Sandy river bank

6762

Sandy river bank

6763

Sandy river bank

6764

Sandy river bank

6765

Sandy river bank

6766

Sandy river bank

6767

Sandy river bank

By track

6762

Stipa  
Sandy river bank

6763

Stipa  
Sandy river bank

6764

Stipa  
Sandy river bank

6765

Stipa  
Sandy river bank

6766

Stipa  
Sandy river bank

6767

Stipa  
Sandy river bank

6768

Stipa  
Sandy river bank

6769

Stipa  
Sandy river bank  
fruit small change  
from next track



6770 *Ammodramus* *guerreroi*

1 *Ammodramus*

Guerrero  
Sept 8  
out

6786 *Psopalmus*

6787 *Psopalmus*

6788 *Chloris virgata*

6789 *Psopalmus*

6790 *Psopalmus*

6791 *Brachyotus*

6792 *Psopalmus*

*Geos. armatus* Guerrero

near track

6793 *Selamophis purpuratus*

6794 *Leptochloa* *Leptochloa*

Guerrero

6795 *Ammodramus* *guerreroi*

6796 *Leptochloa*

*Leptochloa* Guerrero

6797 *Leptochloa*

6798 *Leptochloa*

6799 *Leptochloa*

6771 *Boelea*

6772 *Boelea*



1500ft

6777 *Heteropogon*  
Panicum  
6778 *Prochloa*  
Panicum tall grass  
6779 *Prochloa*  
Panicum tall grass  
6780 *Prochloa*  
Panicum tall grass  
6781 *Prochloa*  
Panicum tall grass  
6782 *Prochloa*  
Panicum tall grass  
6783 *Prochloa*  
Panicum tall grass  
6784 *Prochloa*  
Panicum tall grass  
6785 *Prochloa*  
Panicum tall grass  
6786 *Prochloa*  
Panicum tall grass  
6787 *Prochloa*  
Panicum tall grass  
6788 *Prochloa*  
Panicum tall grass  
6789 *Prochloa*  
Panicum tall grass  
6790 *Prochloa*  
Panicum tall grass  
6791 *Prochloa*  
Panicum tall grass  
6792 *Prochloa*  
Panicum tall grass  
6793 *Prochloa*  
Panicum tall grass  
6794 *Prochloa*  
Panicum tall grass  
6795 *Prochloa*  
Panicum tall grass  
6796 *Prochloa*  
Panicum tall grass  
6797 *Prochloa*  
Panicum tall grass  
6798 *Prochloa*  
Panicum tall grass  
6799 *Prochloa*  
Panicum tall grass  
6800 *Prochloa*  
Panicum tall grass

6779 *Heteropogon*  
Panicum  
6780 *Prochloa*  
Panicum tall grass  
6781 *Prochloa*  
Panicum tall grass  
6782 *Prochloa*  
Panicum tall grass  
6783 *Prochloa*  
Panicum tall grass  
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Panicum tall grass  
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Panicum tall grass  
6786 *Prochloa*  
Panicum tall grass  
6787 *Prochloa*  
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6788 *Prochloa*  
Panicum tall grass  
6789 *Prochloa*  
Panicum tall grass  
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Panicum tall grass  
6796 *Prochloa*  
Panicum tall grass  
6797 *Prochloa*  
Panicum tall grass  
6798 *Prochloa*  
Panicum tall grass  
6799 *Prochloa*  
Panicum tall grass  
6800 *Prochloa*  
Panicum tall grass



6761 *Scrophularia*  
1

6762 *Cent-a-*  
1 *Open meadow*  
*hill*

6767 *Cuscuta*  
2 *Open meadow*  
*hill*

6768 *Prunella*  
3 *Rocky hill*  
*near the road*

6769 *Prunella*  
1 *Woods in field*

6770 *Sorghastrum*  
1 *Open meadow*  
*hill*

6791 *Scrophularia*  
3 *Rocky hill*

6792 *Heteropogon*  
*Prunella*  
*hill*

6793 *Heteropogon*  
*Prunella*  
*hill*

6794 *Scrophularia*  
1 *Along road*

6795 *Scrophularia*  
1 *Along road*

6796 *Scrophularia*  
1 *Along road*

6797 *Scrophularia*  
1 *Along road*



6778 *Amphisp.*  
along road

6779 *Bursera*  
along road

6780 *Albizia*  
along road

6781 *Amel.*  
along road

6782 *Albizia*  
along road

6783 *Albizia*  
along road

6784 *Albizia*  
along road

6785 *Albizia*  
along road

6786 *Albizia*  
along road

6787 *Albizia*  
along road

6788 *Albizia*  
along road

6789 *Albizia*  
along road

6790 *Albizia*  
along road



6510

at base of spr

at base of spr

6511 Pan

along creek - Pan

open shrub

6512 Pan

along creek

6513

along creek

6514

Pan. along creek

along creek - Pan

open shrub

6515

Pan. along creek

along creek

7840 see book 4

4500 ft

6516

along creek

6517

along creek

6521

along creek

6522

along creek

6523

along creek



677 Shinnel  
1 Deep. clay  
brownish blue  
limestone

678 1/2 ft. clay  
1/2 ft. clay  
1/2 ft. clay

679 1/2 ft. shale  
1/2 ft. shale

680 1/2 ft. shale  
1/2 ft. shale

681 1/2 ft. shale  
1/2 ft. shale

682 1/2 ft. shale  
1/2 ft. shale

683 1/2 ft. shale  
1/2 ft. shale

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689 1/2 ft. shale  
1/2 ft. shale

690 1/2 ft. shale  
1/2 ft. shale

691 1/2 ft. shale  
1/2 ft. shale

692 1/2 ft. shale  
1/2 ft. shale



6870 *Trigonostema* *darwinii* *var. longistylus*  
9 Reef, all small  
clumps, 3 ft. high  
I don't climb, etc.  
Sp. 7. - small, many  
Sp. 8. - low, many  
Sp. 9. - low, many  
Sp. 10. - low, many  
Sp. 11. - low, many  
Sp. 12. - low, many  
Sp. 13. - low, many  
Sp. 14. - low, many  
Sp. 15. - low, many  
Sp. 16. - low, many  
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Sp. 96. - low, many  
Sp. 97. - low, many  
Sp. 98. - low, many  
Sp. 99. - low, many  
Sp. 100. - low, many

6871 *Lupinus*  
1 from a garden  
Bunch of a few plants  
Gardens

6872 *Cephaelis*  
2 from a garden  
Gardens

6873 *Myrica*  
1 from a garden  
Rocky barren

6874 *Pinguicula*  
1 from a garden  
Rocks

6875 *Andropogon*  
2 from a garden  
Rocks

6876 *Eleusine*  
2 from a garden  
Rocks

6877 *Hordeum*  
1 from a garden  
Rocks

6878 *Trisetum*  
2 from a garden  
Rocks

6879 *Calamagrostis*  
1 from a garden  
Rocks

6880 *Agropyron*  
1 from a garden  
Rocks

6881 *Lepidostemon*  
1 from a garden  
Rocks

6882 *Cenchrus*  
1 from a garden  
Rocks

6883 *Polypogon*  
2 from a garden  
Rocks



6857 *Parula*  
1 *along*

6858 *Chloris*  
1 *Parula*

6859 *Och. Can.*  
1 *Along*

6860 *Chloris*  
1 *along*

6861 *Parula*  
✓ *Went*

6862 *Chloris*  
✓ *Along*  
*In water*  
*can*  
*damp*  
*are*

6863 *Chloris*  
1 *along*

6864 *Chloris*  
5 *along*

6865 *Chloris*  
1 *along*

6866 *Chloris*  
1 *along*

6867 *Chloris*  
1 *along*

6868 *Chloris*  
2 *along*

6869 *Chloris*  
1 *along*

6870 *Chloris*  
1 *along*



6866 *Paspalum*  
Along road

6867 *Paspalum*  
Along road

6870 *Paspalum*  
Along road

6871 *Hypochaeris*  
Along road

6872 *Chenopodium*  
Along road

6873 *Artemisia*  
Along road

6874 *Paspalum*  
Along road

6875 *Chenopodium*  
Along road

6876 *Chenopodium*  
Along road

6877 *Paspalum*  
Along road

6878 *Paspalum*  
Along road

6879 *Paspalum*  
Along road

6880 *Paspalum*  
Along road

6881 *Paspalum*  
Along road

6882 *Paspalum*  
Along road

6882 1/2 *Paspalum*



6083 Paspalum paniculatum  
set of ...  
Panicum

6084 ...  
leaves ...

6085 ...  
leaves ...

6086 ...  
leaves ...  
8800 ft

6087 ...  
leaves ...

6088 ...  
leaves ...

6089 ...  
leaves ...

6090 ...  
leaves ...  
Silvery white

6091 ...  
leaves ...

6092 ...  
leaves ...

6093 ...  
leaves ...

6094 ...  
leaves ...

6095 ...  
leaves ...

6096 ...  
leaves ...

6097 ...  
leaves ...



6897 *Chloris*  
3

6898 *Chloris*  
1

6899 *Chloris*  
3

6900 *Chloris*  
1

6901 *Sporobolus*  
1

6902 *Trisetum*  
1

6903 *Stenopogon*  
1

6904 *Stenopogon*  
1

6905 *Stenopogon*  
1

6906 *Chloris*  
1

6907 *Chloris*  
1

6908 *Chloris*  
1

6909 *Chloris*  
1

6910 *Chloris*  
1

6911 *Chloris*  
3

6912 *Chloris*  
1

6913 *Chloris*  
1



655

65

626

68/

CSSE

6920

6226

652

62

652



100

6

6300 ft



6927 *Chloris*  
*along by*  
 6928 *Chloris*  
*along by*  
 6929 *Chloris*  
*along by*  
 6930 *Chloris*  
*along by*  
 6931 *Chloris*  
*along by*  
 6932 *Chloris*  
*along by*  
 6933 *Chloris*  
*along by*  
 6934 *Chloris*  
*along by*  
 6935 *Chloris*  
*along by*

6936 *Chloris*  
*along by*  
 6937 *Chloris*  
*along by*  
 6938 *Chloris*  
*along by*  
 6939 *Chloris*  
*along by*  
 6940 *Chloris*  
*along by*  
 6941 *Chloris*  
*along by*  
 6942 *Chloris*  
*along by*  
 6943 *Chloris*  
*along by*  
 6944 *Chloris*  
*along by*



6945 *Cyperus* <sup>sp.</sup> *sp.  
Along road*

6946 *Paspalum*  
Along road

6947 *Trisetum*  
Along road

6948 *Paspalum*  
Along road

6949 *Echinochloa* <sup>crispata</sup>  
Along ditch - par

6950 *Paspalum*  
Along road

6951 *Andropogon* <sup>barbatus</sup>  
Along road

6952 *Panicum*  
Along road

6953 *Cyperus* <sup>sp.</sup> *sp.  
Along road*

6954 *Trisetum* <sup>brunneum</sup>  
Along road

6955 *Paspalum*  
Along road

6956 *Paspalum*  
Along road

6957 *Panicum*  
Along road

6958 *Scleria* <sup>sp.</sup>  
Along road

6959 *Panicum* <sup>(microcarpum)</sup>  
Along road

6960 *Panicum*  
Along road

6961 *Panicum*  
Along road



6455 *Chrysomela* <sup>his</sup>  
W. *thick*

*Pinus* *along* *R.*

6460 *Chrysomela*  
1 *along* *R.*

6461 *Chrysomela*  
5 *along* *R.*

6462 *Chrysomela*  
1 *along* *R.*

6463 *Chrysomela*  
3 *along* *R.*

6464 *Chrysomela*  
1 *along* *R.*

6465 *Chrysomela*  
1 *along* *R.*

6466 *Chrysomela*  
1 *along* *R.*

6466 1/2 *Chrysomela*

6467 *Chrysomela*  
1 *along* *R.*

6468 *Chrysomela*  
3 *along* *R.*

6469 *Chrysomela*  
2 *along* *R.*

6470 *Chrysomela*  
3 *along* *R.*

6471 *Chrysomela*  
2 *along* *R.*

6472 *Chrysomela*  
1 *along* *R.*

6473 *Chrysomela*  
1 *along* *R.*

6474 *Chrysomela*  
1 *along* *R.*

6475 *Chrysomela*  
1 *along* *R.*



6575 *Quercus*  
3 *Quercus*

6576 *Quercus*  
1 *Quercus*

6577 *Quercus*  
✓ *Quercus*

6578 *Quercus*  
✓ *Quercus*

6579 *Panicum*  
Among pines on top  
of red, hill, knolls  
✓ *Panicum* or *Cyperus* well  
seen & *Quercus* broad  
from spreading base

6580 *Paspalum*  
✓ *Paspalum*  
Side of open ravine

6581 *Quercus*  
1 *Quercus*  
Green

6582 *Quercus*  
✓ *Quercus*  
Low wall

6583 *Quercus*  
✓ *Quercus*  
Green, red, brown  
Sp. of red & dark color  
at most black

6584 *Quercus*  
✓ *Quercus*  
Green, brown, black  
Sp. of red & dark color  
at most black

6585 *Quercus*  
✓ *Quercus*  
Green, brown, black

6586 *Quercus*  
✓ *Quercus*  
Green, brown, black

6587 *Quercus*  
✓ *Quercus*  
Green, brown, black

6588 *Quercus*  
✓ *Quercus*  
Green, brown, black



1693 *Casparina*  
Open ground, forest  
of land etc. This to the  
west where young  
Tanager, etc. are  
with shrubs. Spikes; large  
cher 6888

6559 *Prunella*  
+ *Calluna*



7000 *Halimolobos*  
4 *along road*  
*common*

7001 *along road*  
3 *along road*

7002 *along road*  
*along road*

7003 *Volcan*  
*Bouteloua*  
*occasional*

7004 *Left side of road*  
*along road*

7005 *Paraphanthera*  
*along road*

[7006 - See 7006] *Muhlenbergia*

7007 *Halimolobos* (Colima)  
*along road*  
*common*

7008 *along road*  
2 *along road*

7009 *along road*  
1 *along road*

7010 *along road*  
1 *along road*

7011 *along road*  
1 *along road*

7012 *along road*  
1 *along road*

7013 *along road*  
1 *along road*

7014 *along road*  
1 *along road*

7015 *along road*  
1 *along road*

7016 *along road*  
1 *along road*



7014 *Leucostictis*  
 1 *Leucostictis*  
 7015 *Leucostictis*  
 1 *Leucostictis*  
 7016 *Leucostictis*  
 1 *Leucostictis*  
 7017 *Leucostictis*  
 1 *Leucostictis*  
 7018 *Leucostictis*  
 1 *Leucostictis*

Armeria (Colima)  
 7021 *Boucler*  
 1 *Boucler*  
 7022 *Salvia*  
 1 *Salvia*  
 7023 *Salvia*  
 1 *Salvia*

Cathartes  
 7024 *Cathartes*  
 1 *Cathartes*  
 7025 *Cathartes*  
 1 *Cathartes*  
 7026 *Cathartes*  
 1 *Cathartes*  
 7027 *Cathartes*  
 1 *Cathartes*  
 7028 *Cathartes*  
 1 *Cathartes*  
 7029 *Cathartes*  
 1 *Cathartes*  
 7030 *Cathartes*  
 1 *Cathartes*



*Panicum fasciculatum*  
In open fields  
near the river

*Panicum*  
In open fields

*Panicum*  
In open fields  
near the river

*Panicum*  
In open fields  
near the river

*Axonopus*  
In open fields

*Sarcocolla*  
This is a short rush

*Lys...*  
In open fields

*Panicum*  
In open fields

*Panicum*  
In open fields

*Routula*  
In open fields

*Grass*  
In open fields

*Septoria*  
In open fields



70 *Routeloma*  
*canadensis* (B. acumin)  
 flowers pale yellow  
 leaves green, smooth  
 petioles 1/2 inch long  
 green, smooth  
 fruit green, smooth  
 in rock of spring

71 *Anthropora*  
*cuticularis*  
 rock of cliff  
 in rock of spring

72 *Anthropora*  
*cuticularis*  
 Rock of Cliff  
 in rock of spring

73 *Anthropora*  
*cuticularis*  
 Base of Rock, cliff  
 in rock of spring

74 *Schizoclelea*  
*ovata*  
 in rock of spring

Ser. *speciosa* (L.)  
 from long, uniform,  
 slender

75 *Anthropora*  
*cuticularis*  
 in rock of cliff  
 in rock of spring

76 *Anthropora*  
*cuticularis*  
 in rock of cliff  
 in rock of spring

77 *Anthropora*  
*cuticularis*  
 in rock of cliff  
 in rock of spring

78 *Anthropora*  
*cuticularis*  
 in rock of cliff  
 in rock of spring

79 *Anthropora*  
*cuticularis*  
 in rock of cliff  
 in rock of spring



Alameda (Colima)

7000 *Crucian*  
along

7000 *Crucian*

7050 *Crucian*

7052 *Crucian*

7052  $\frac{d}{2}$  *Crucian*

7052 *Crucian*

7052 *Crucian*

7052 *Crucian*

Alameda (Colima) Sept. 2

at Alameda 5.2 km  
west of Colima at  
the top of the ridge. Hill  
mostly grassy. 1500 ft

Chalchicomula

7054 *Crucian*

7055 *Crucian* (Humboldt)

7056 *Crucian* (Humboldt)

7057 *Crucian*  
along road

7058 *Crucian*  
along road

7059 *Crucian* (Humboldt)

7060 *Crucian* (Humboldt)  
along track - across

7061 *Crucian*  
along track - across

7062 *Crucian* (Humboldt)  
along track - across

7063 *Crucian*



705 *Paspalum inopile* *hirsutum*  
Annual - 8 ft. tall  
hairy

706 *Paspalum*  
Annual - 8 ft. tall  
2 ft. 2. 8 ft. tall

707 *Paspalum*  
Annual - 8 ft. tall  
as I remember it  
longer - 8 ft. tall

708 *Chloroticum* *pyramidale*  
Annual - 8 ft. tall  
Much branched  
base - the flowers  
long - 8 ft. tall  
leaves - small - 8 ft. tall  
18 inches - 8 ft. tall  
A. 8 ft. tall

709 *Syntherisma*  
Annual - 8 ft. tall  
affine to *hirsutum*  
Annual - 8 ft. tall  
hairy

710 *Syntherisma*  
Annual - 8 ft. tall  
Pinnate - 8 ft. tall  
Annual - 8 ft. tall  
as I remember it

711 *Syntherisma*  
Annual - 8 ft. tall

712 *Syntherisma*  
Annual - 8 ft. tall

713 *Syntherisma*  
Annual - 8 ft. tall

714 *Syntherisma*  
Annual - 8 ft. tall



7071 *Paspalum cilicaryum*  
2

7072 *Paspalum* ——— *jozukkum*  
1

7073 *Paspalum* in *sub*  
1 *along*

7074 *Paspalum*  
2 *along*

7075 *Paspalum*  
3 *along*

7076 *Paspalum* *along*  
1 *along*  
2 *along*  
3 *along*  
4 *along*  
5 *along*  
6 *along*  
7 *along*  
8 *along*  
9 *along*  
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92 *along*  
93 *along*  
94 *along*  
95 *along*  
96 *along*  
97 *along*  
98 *along*  
99 *along*  
100 *along*

7080 *Pennisetum purpureum*  
1 *along*

7081 *Pennisetum purpureum*  
2 *along*

7082 *Pennisetum purpureum*  
3 *along*

7083 *Pennisetum purpureum*  
4 *along*

7084 *Pennisetum purpureum*  
5 *along*

7085 *Pennisetum purpureum*  
6 *along*



170

*Saxicaps* probably not  
disturbed as bla

100

Supracorpus 1.0000  
Z. 1.0000

1. *Chrysomelidae* (Colorado potato beetle)  
 2. *Chrysomelidae* (Colorado potato beetle)  
 3. *Chrysomelidae* (Colorado potato beetle)  
 4. *Chrysomelidae* (Colorado potato beetle)  
 5. *Chrysomelidae* (Colorado potato beetle)  
 6. *Chrysomelidae* (Colorado potato beetle)  
 7. *Chrysomelidae* (Colorado potato beetle)  
 8. *Chrysomelidae* (Colorado potato beetle)  
 9. *Chrysomelidae* (Colorado potato beetle)  
 10. *Chrysomelidae* (Colorado potato beetle)

James M. Smith

12

2000

1911

201

Am. ...  
Tues. ...

209

[illegible]

... ..

1910

10

7/1/1900

[illegible]

Seta moy siglura

1000

~~Prison~~ <sup>crash</sup> <sub>type</sub>

We can do  
very few things

1974-1975

1920

strongly buff  
below yellowish red



707 Holcne holcne  
along

707 Penicillium  
along

7077 Penicillium  
along

7078 Penicillium  
along

7079 Penicillium  
along

7100 Penicillium  
along

7101 Penicillium  
along

7102 Penicillium  
along

7103 Penicillium  
along

7104 Penicillium  
along

7105 Penicillium  
along

7106 Penicillium  
along

7107 Penicillium  
along

7108 Penicillium  
along



109 Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
17  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

State of Jalisco

7/11  
3  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
10  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/17  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/15  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/16  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/17  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/11  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

9/22  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

8/2  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/11  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/27  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/12  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus

7/22  
Andropogon papilionatus  
Andropogon papilionatus  
Andropogon papilionatus



7/30 *Sporobolus* <sup>sp. nov.</sup>

7/31 *Styphelia* <sup>sp. nov.</sup>

7/32 *Styphelia* <sup>sp. nov.</sup>

7/33 *Styphelia* <sup>sp. nov.</sup>

7/34 *Paspalum* <sup>sp. nov.</sup>

7/35 *Styphelia* <sup>sp. nov.</sup>

7/36 *Paspalum* <sup>sp. nov.</sup>

7/37 *Styphelia* <sup>sp. nov.</sup>

7/38 *Styphelia* <sup>sp. nov.</sup>

7/39 *Styphelia* <sup>sp. nov.</sup>

7/40 *Styphelia* <sup>sp. nov.</sup>

7/41 *Paspalum* <sup>sp. nov.</sup>

7/42 *Phytolacca* <sup>sp. nov.</sup>

*Andropogon* <sup>sp. nov.</sup>

7/43 *Andropogon* <sup>sp. nov.</sup>

7/44 *Andropogon* <sup>sp. nov.</sup>

7/45 *Andropogon* <sup>sp. nov.</sup>

7/46 *Andropogon* <sup>sp. nov.</sup>

7/47 *Andropogon* <sup>sp. nov.</sup>

7/48 *Andropogon* <sup>sp. nov.</sup>

7/49 *Andropogon* <sup>sp. nov.</sup>

7/50 *Andropogon* <sup>sp. nov.</sup>

7/51 *Andropogon* <sup>sp. nov.</sup>

7/52 *Andropogon* <sup>sp. nov.</sup>

7/53 *Andropogon* <sup>sp. nov.</sup>

7/54 *Andropogon* <sup>sp. nov.</sup>

7/55 *Andropogon* <sup>sp. nov.</sup>



Panicum ...

3/15 ...

Paspalum ...

...

...

...

...

...

...

...

...

7/5/7 ...

...

7/5 ...

...

...

...

...

...

...

...

...

...

...

...

...

...

...



drooping

Fls.

leaves

about 12 ft

larger than the leaves

about 12 ft

leaves (width 3 ft)

of height

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

Trisetum sp.

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft

about 12 ft



7174 *Imperopogon* (= *Pringle* 4290) *provinc*

7175 *Andropogon*

7176 *Imperopogon* (= *Pringle* 4290) *provinc*

7177 *Syntherisma*

7178 *Syntherisma*

7179 *Muhlenbergia* *impunctata*

7180 *Muhlenbergia*

S. *Paspalum* *calum* *Galisco* *5000*  
7181 *Paspalum* *calum* *Galisco* *5000*

7182 *Paspalum* *calum*

7183 *Paspalum* *calum*

7184 *Chaetochloa* *calum*

7185 *Chaetochloa* *calum*

181 *Syntherisma*

182 *Syntherisma*

183 *Syntherisma*

184 *Syntherisma*

185 *Syntherisma*

186 *Syntherisma*

187 *Syntherisma*

188 *Syntherisma*

189 *Syntherisma*

190 *Syntherisma*

191 *Syntherisma*

192 *Syntherisma*

193 *Syntherisma*



\*

7199 *Panicum* *capillare*

7200 *Bouteloua*

7201 *Panicum* *capillare*

7202 *Panicum* *capillare*

7203 *Stachytarpheta*

7204 *Syntherisma*

7205 *Trichostema*

7206 *Trichostema*

7207 *Stachytarpheta*

7208 *Paspalum*

7209 *Stachytarpheta*

7210 *Syntherisma filiformis*

721

*Andropogon furcatus*

*Andropogon furcatus*

*Andropogon furcatus*

72

*Andropogon furcatus*

72

*Andropogon furcatus*

72

*Andropogon furcatus*

72

*Andropogon furcatus*

72

*Andropogon furcatus*

72

*Andropogon furcatus*

72



Paspalum inop. v. maj.

7224 Paspalum inop. v. maj.

7225 Paspalum inop. v. maj.

7226 Paspalum inop. v. maj.

7227 Paspalum inop. v. maj.

7228 Paspalum inop. v. maj.

7229 Paspalum inop. v. maj.

7230 Paspalum inop. v. maj.

7231 Paspalum inop. v. maj.

7232 Paspalum inop. v. maj.

7233 Paspalum inop. v. maj.

7234 Paspalum inop. v. maj.

7235 Paspalum inop. v. maj.

Muhlenbergia

7235 Muhlenbergia

5000 ft

7236 Muhlenbergia

7237 Muhlenbergia

7238 Muhlenbergia

7239 Muhlenbergia

7240 Muhlenbergia

7241 Muhlenbergia

7242 Muhlenbergia

7243 Muhlenbergia

7244 Muhlenbergia

7245 Muhlenbergia

7246 Muhlenbergia



3  
[faint handwritten notes]

7242 *Syntherisma*  
[faint handwritten notes]

7243 *Andropogon*  
[faint handwritten notes]

7244 *Andropogon*  
[faint handwritten notes]

7245 *Paspalum*  
[faint handwritten notes]

7246 *Andropogon*  
[faint handwritten notes]

7247 *Andropogon*  
[faint handwritten notes]

7248 *Muhlenbergia*  
[faint handwritten notes]

7249 *Oplismenus*  
[faint handwritten notes]

251 *Muhlenbergia*  
[faint handwritten notes]

252 *Muhlenbergia*  
[faint handwritten notes]

253 *Muhlenbergia*  
[faint handwritten notes]

254 *Muhlenbergia*  
[faint handwritten notes]

255 *Muhlenbergia*  
[faint handwritten notes]

256 *Muhlenbergia*  
[faint handwritten notes]

257 *Muhlenbergia*  
[faint handwritten notes]

258 *Muhlenbergia*  
[faint handwritten notes]

259 *Muhlenbergia*  
[faint handwritten notes]



*Sundula pav*  
(Jalisco)  
alt 2

7260 *Melastoma*

4 *Can. longifolia*

7261 *Can. longifolia*

1 *Can. longifolia*

7262 *Agavegon*

2 *Can. longifolia*

7263 *Can. longifolia*

2 *Can. longifolia*

7264 *Can. longifolia*

1 *Can. longifolia*

Along a corn field

near San Pedro

Valley, Jalisco

7265 *Can. longifolia*

4 *Can. longifolia*

7267 *Agavegon*

7268 *Can. longifolia*

7269 *Can. longifolia*

7270 *Can. longifolia*

7271 *Can. longifolia*

7272 *Can. longifolia*

7273 *Can. longifolia*

7274 *Can. longifolia*

7275 *Can. longifolia*

7276 *Can. longifolia*

7277 *Can. longifolia*

7278 *Can. longifolia*

7279 *Can. longifolia*

7280 *Can. longifolia*

7281 *Can. longifolia*

7282 *Can. longifolia*

7283 *Can. longifolia*



726 *Chilodactylus* *divaricatus*

727 *Paspalum* *curtissii*

728 *Chilodactylus*

729 *Syntherisma*

730 *Paspalum*

731 *Chilodactylus*

732 *Syntherisma*

733 *Chilodactylus*

734 *Syntherisma*

735 *Chilodactylus*

736 *Paspalum*

737 *Chilodactylus*

738 *Chilodactylus*

793 *Cenchrus*

794 *Cenchrus*

795 *Cenchrus*

796 *Cenchrus*

797 *Cenchrus*

798 *Cenchrus*

799 *Cenchrus*

800 *Cenchrus*

801 *Cenchrus*

802 *Cenchrus*

803 *Cenchrus*

804 *Cenchrus*

805 *Cenchrus*



7  
10

*Pereskia*  
*Pereskia*  
*Adiantum*

727 *Melastoma*

728 *Sp. ...*

729 *Melastoma*

730 *Sycamore*

731 *Adiantum*

*Laurel*

*Juniper*

*Sp. ...*

*Fern*

732 *Sp. ...*

733 *Sp. ...*

734 *Sp. ...*

735 *Sp. ...*

736

*Pereskia*  
*Pereskia*

737

*Pereskia*

738

*Pereskia*

739

*Pereskia*

740

*Pereskia*

741

*Pereskia*

742

*Pereskia*

743

*Pereskia*

744

*Pereskia*

745

*Pereskia*

746

*Pereskia*

747

*Pereskia*



22

2. *Conium maculatum*  
Barkman Day 1900  
Same place as 1. *Conium*  
Slip.

325

[illegible]

7328 *Benthamia* *...*

*[Faint handwritten notes]*

1330 Sorghastrum nutans  
6  
Aster longifolius  
Regium album, sed

88

932

333

1974

338 *Epinephelus*

100

*[Faint handwritten notes at the bottom of the page]*

1

77. *Chrota leucogaster*

223 *Andropogon rupestris*

350

3 *Andropogon* (= P)

1907



*Pennisetum cinchroides*  
7372 *Pennisetum*  
2

7373 *Tripsacum*  
5 *cup.* *longifolium*  
plant. *longifolium*  
leaf *longifolium*  
one *longifolium*  
by *longifolium*

7374 *Tripsacum*  
1 *longifolium*

7375 *Bout.* *longifolium*

7376 *Tripsacum*  
4 *longifolium*  
in *longifolium* - *longifolium*

7377 *Tripsacum*  
2 *longifolium*

7378 *Tripsacum*  
2 *longifolium*  
Shrub *longifolium*  
fruit *longifolium*

7379 *Tripsacum*  
2 *longifolium*

7380 *Holcus* *holcus*  
1 *holcus*  
along stream

*Echinocloa oryzoides*  
7381 *Echinocloa*

7382 *Echinocloa*

7383 *Echinocloa*

7384 *Echinocloa*

7385 *Echinocloa*

7386 *Echinocloa*

7387 *Echinocloa*

7388 *Echinocloa*

7389 *Echinocloa*

7390 *Echinocloa*

7391 *Echinocloa*

7392 *Echinocloa*

7393 *Echinocloa*



736 *Tripsacum daniellii*

735 *Tripsacum daniellii*

734 *Tripsacum daniellii*

733 *Tripsacum daniellii*

732 *Tripsacum daniellii* *trichoides*  
Shrubby place in  
of woods, near  
baranca 4500ft

731 *Hypericum pilosum*  
Semi-erect, from  
ground

730 *Andropogon furcatus*  
In shade, near  
baranca

729 *Lasiacis*  
In shade on side  
of baranca

736 *Heteropogon*

737 *Heteropogon*

Jalisco 6100ft

Sept 29  
A large pile of  
of the plants in  
baranca. all  
in or near the  
pile. The plants  
large, with woolly  
also very distinct.

737 *Andropogon furcatus*  
By baranca, near

737 *Andropogon furcatus*  
In brush, near

737 *Andropogon furcatus*  
The plants are  
found







*Acrotylus*  
*Acrotylus*  
*Acrotylus*  
*Acrotylus*

Guanajuato

5800 ft

7387 *Eleusine*

7388 *Paspalum*

7389 *Leptochloa*

7390 *Bambusa*

7391 *Stenotaphrum*

7392 *Leptochloa*

5853 *Eleusine*

Notus hold  
 ...

Below

...  
 ...

*crinum*

387

388

389

390

391

392

393

394

395

396

397

...

...

...

...

...

...

...

...

...



7407 *Panicum*

7408 *Amel. Ben*

7409 *Persea*

7410 *Banana*

7411 *Clusia*

7412 *Clusia*

7413 *Echin. color.*

7414 *Passiflora*

7415 *Passiflora*

7416 *Passiflora*

7417 *Eragrostis*

7418 *Eragrostis*

7419 *Eragrostis*

7420 *Echinophloeus*

7421 *Clusia*

7422 *Passiflora*

7423 *Passiflora*

7424 *Passiflora*

7425 *Passiflora*

7426 *Passiflora*

7427 *Passiflora*

7428 *Passiflora*

7429 *Passiflora*

7430 *Passiflora*

7431 *Passiflora*

7432 *Passiflora*



7411 *Hilaria comoides*  
 7412 *Chloris*  
 7413 *Leptochloa*  
 7414 *Leptochloa*  
 7415 *Leptochloa*  
 7416 *Leptochloa*  
 7417 *Leptochloa*  
 7418 *Leptochloa*  
 7419 *Leptochloa*  
 7420 *Leptochloa*  
 7421 *Leptochloa*  
 7422 *Leptochloa*  
 7423 *Leptochloa*  
 7424 *Leptochloa*  
 7425 *Leptochloa*  
 7426 *Leptochloa*  
 7427 *Leptochloa*  
 7428 *Leptochloa*  
 7429 *Leptochloa*  
 7430 *Leptochloa*  
 7431 *Leptochloa*  
 7432 *Leptochloa*  
 7433 *Leptochloa*  
 7434 *Leptochloa*  
 7435 *Leptochloa*  
 7436 *Leptochloa*  
 7437 *Leptochloa*  
 7438 *Leptochloa*  
 7439 *Leptochloa*  
 7440 *Leptochloa*  
 7441 *Leptochloa*  
 7442 *Leptochloa*  
 7443 *Leptochloa*  
 7444 *Leptochloa*  
 7445 *Leptochloa*  
 7446 *Leptochloa*  
 7447 *Leptochloa*  
 7448 *Leptochloa*  
 7449 *Leptochloa*  
 7450 *Leptochloa*  
 7451 *Leptochloa*  
 7452 *Leptochloa*  
 7453 *Leptochloa*  
 7454 *Leptochloa*  
 7455 *Leptochloa*  
 7456 *Leptochloa*  
 7457 *Leptochloa*  
 7458 *Leptochloa*  
 7459 *Leptochloa*  
 7460 *Leptochloa*  
 7461 *Leptochloa*  
 7462 *Leptochloa*  
 7463 *Leptochloa*  
 7464 *Leptochloa*  
 7465 *Leptochloa*  
 7466 *Leptochloa*  
 7467 *Leptochloa*  
 7468 *Leptochloa*  
 7469 *Leptochloa*  
 7470 *Leptochloa*  
 7471 *Leptochloa*  
 7472 *Leptochloa*  
 7473 *Leptochloa*  
 7474 *Leptochloa*  
 7475 *Leptochloa*  
 7476 *Leptochloa*  
 7477 *Leptochloa*  
 7478 *Leptochloa*  
 7479 *Leptochloa*  
 7480 *Leptochloa*  
 7481 *Leptochloa*  
 7482 *Leptochloa*  
 7483 *Leptochloa*  
 7484 *Leptochloa*  
 7485 *Leptochloa*  
 7486 *Leptochloa*  
 7487 *Leptochloa*  
 7488 *Leptochloa*  
 7489 *Leptochloa*  
 7490 *Leptochloa*  
 7491 *Leptochloa*  
 7492 *Leptochloa*  
 7493 *Leptochloa*  
 7494 *Leptochloa*  
 7495 *Leptochloa*  
 7496 *Leptochloa*  
 7497 *Leptochloa*  
 7498 *Leptochloa*  
 7499 *Leptochloa*  
 7500 *Leptochloa*

Agua Caliente 6300 ft  
 7451 *Leptochloa*  
 7452 *Leptochloa*  
 7453 *Leptochloa*  
 7454 *Leptochloa*  
 7455 *Leptochloa*  
 7456 *Leptochloa*  
 7457 *Leptochloa*  
 7458 *Leptochloa*  
 7459 *Leptochloa*  
 7460 *Leptochloa*  
 7461 *Leptochloa*  
 7462 *Leptochloa*  
 7463 *Leptochloa*  
 7464 *Leptochloa*  
 7465 *Leptochloa*  
 7466 *Leptochloa*  
 7467 *Leptochloa*  
 7468 *Leptochloa*  
 7469 *Leptochloa*  
 7470 *Leptochloa*  
 7471 *Leptochloa*  
 7472 *Leptochloa*  
 7473 *Leptochloa*  
 7474 *Leptochloa*  
 7475 *Leptochloa*  
 7476 *Leptochloa*  
 7477 *Leptochloa*  
 7478 *Leptochloa*  
 7479 *Leptochloa*  
 7480 *Leptochloa*  
 7481 *Leptochloa*  
 7482 *Leptochloa*  
 7483 *Leptochloa*  
 7484 *Leptochloa*  
 7485 *Leptochloa*  
 7486 *Leptochloa*  
 7487 *Leptochloa*  
 7488 *Leptochloa*  
 7489 *Leptochloa*  
 7490 *Leptochloa*  
 7491 *Leptochloa*  
 7492 *Leptochloa*  
 7493 *Leptochloa*  
 7494 *Leptochloa*  
 7495 *Leptochloa*  
 7496 *Leptochloa*  
 7497 *Leptochloa*  
 7498 *Leptochloa*  
 7499 *Leptochloa*  
 7500 *Leptochloa*



277 <sup>Arctostaphylos</sup> <sup>der</sup>

278 <sup>Prunella</sup>

279 <sup>Prunella</sup>

280 <sup>Prunella</sup>

281 <sup>Prunella</sup>

282 <sup>Prunella</sup>

283 <sup>Prunella</sup>

284 <sup>Prunella</sup>

285 <sup>Prunella</sup>

286 <sup>Prunella</sup>

287 <sup>Prunella</sup>

288 <sup>Prunella</sup>

289 <sup>Prunella</sup>

290 <sup>Prunella</sup>

291 <sup>Prunella</sup>

292 <sup>Prunella</sup>

293 <sup>Prunella</sup>

294 <sup>Prunella</sup>

295 <sup>Prunella</sup>

296 <sup>Prunella</sup>

297 <sup>Prunella</sup>

298 <sup>Prunella</sup>

299 <sup>Prunella</sup>

300 <sup>Prunella</sup>

301 <sup>Prunella</sup>

302 <sup>Prunella</sup>



7471 *Androsace*

7472 *Androsace*  
greenish yellow  
along creek

7473 *Androsace*

7474 *Lupinus*

7475 *Multiflorus*  
3

7476 *Androsace*

7477 *Androsace*

7478 *Androsace*  
Partially around

7479 *Androsace*

7480 *Androsace*

7481 *Androsace*  
along ditch

7482 *Androsace*  
ditch

7483 *Androsace*

7484 *Androsace*

7485 *Androsace*

7486 *Androsace*

7487 *Androsace*

7488 *Androsace*

7489 *Androsace*

7490 *Androsace*

7491 *Androsace*

7492 *Androsace*

7493 *Androsace*

7494 *Androsace*

7495 *Androsace*



748 *Paspalum* *induratum*  
1

749 *Paspalum* *induratum*  
2

750 *Paspalum* *induratum*  
1

751 *Paspalum* *induratum*  
2

752 *Paspalum* *induratum*  
1

753 *Paspalum* *induratum*  
3

754 *Paspalum* *induratum*  
1

755 *Paspalum* *induratum*  
1

756 *Paspalum* *induratum*  
1

747 *Setaria* *parviflora*  
1

748 *Setaria* *parviflora*  
1

749 *Setaria* *parviflora*  
1

750 *Setaria* *parviflora*  
1

751 *Setaria* *parviflora*  
1

752 *Setaria* *parviflora*  
1

753 *Setaria* *parviflora*  
1

754 *Setaria* *parviflora*  
1

755 *Setaria* *parviflora*  
1



7501 *Chrysopsis*

7502 *Boul. dura*

7503 *Chloris*

7504 *Stipa*

7505 *Muhlenbergia*

7506 *Poa*

7507 *Chloris*

7508 *Chrysopsis perfoliata* 12 ft high

7509 *Muhlenbergia*

7510 *Poa*

7511 *Stipa*

7512 *Stipa*

7513 *Stipa*

7514 *Stipa*

7515 *Stipa*

7516 *Stipa*

7517 *Stipa*

7518 *Stipa*

7519 *Stipa*

7520 *Stipa*

7521 *Stipa*

7522 *Stipa*

7523 *Stipa*

7524 *Stipa*

7525 *Stipa*

7526 *Stipa*



7524 *Chloa*  
3

Also *Chloa* *sp.*  
near *Chloa* *sp.*

7525 *Chloa* *sp.*

7526 *Chloa* *sp.*

7527 *Chloa* *sp.*

7528 *Chloa* *sp.*

7529 *Chloa* *sp.*

7530 *Chloa* *sp.*

7531 *Chloa* *sp.*

7532 *Chloa* *sp.*

7533 *Chloa* *sp.*

7534 *Chloa* *sp.*

7535 *Chloa* *sp.*

7536 *Chloa* *sp.*

7537 *Chloa* *sp.*

7538 *Chloa* *sp.*

7539 *Chloa* *sp.*

7540 *Chloa* *sp.*

7541 *Chloa* *sp.*

7542 *Chloa* *sp.*

7543 *Chloa* *sp.*

7544 *Chloa* *sp.*

7545 *Chloa* *sp.*

7546 *Chloa* *sp.*

7547 *Chloa* *sp.*



75-2 *Calla*  
Pool

75-3 *Tristis*  
Pool

75-4 *Clat*  
Pool

75-5 *Tristis*  
Pool

75-6 *Tristis*  
Pool

75-7 *Mullerbergia porteri*  
Pool

75-8 *Clat*  
Along ditch

75-9 *Portulaca oleracea*  
Along ditch

75-10 *Portulaca oleracea*  
Along ditch

75-11 *Calla*  
Pool

75-12 *Tristis*  
Pool

75-13 *Clat*  
Pool

75-14 *Tristis*  
Pool

75-15 *Tristis*  
Pool

75-16 *Tristis*  
Pool

75-17 *Clat*  
Along ditch

75-18 *Portulaca oleracea*  
Along ditch

75-19 *Portulaca oleracea*  
Along ditch



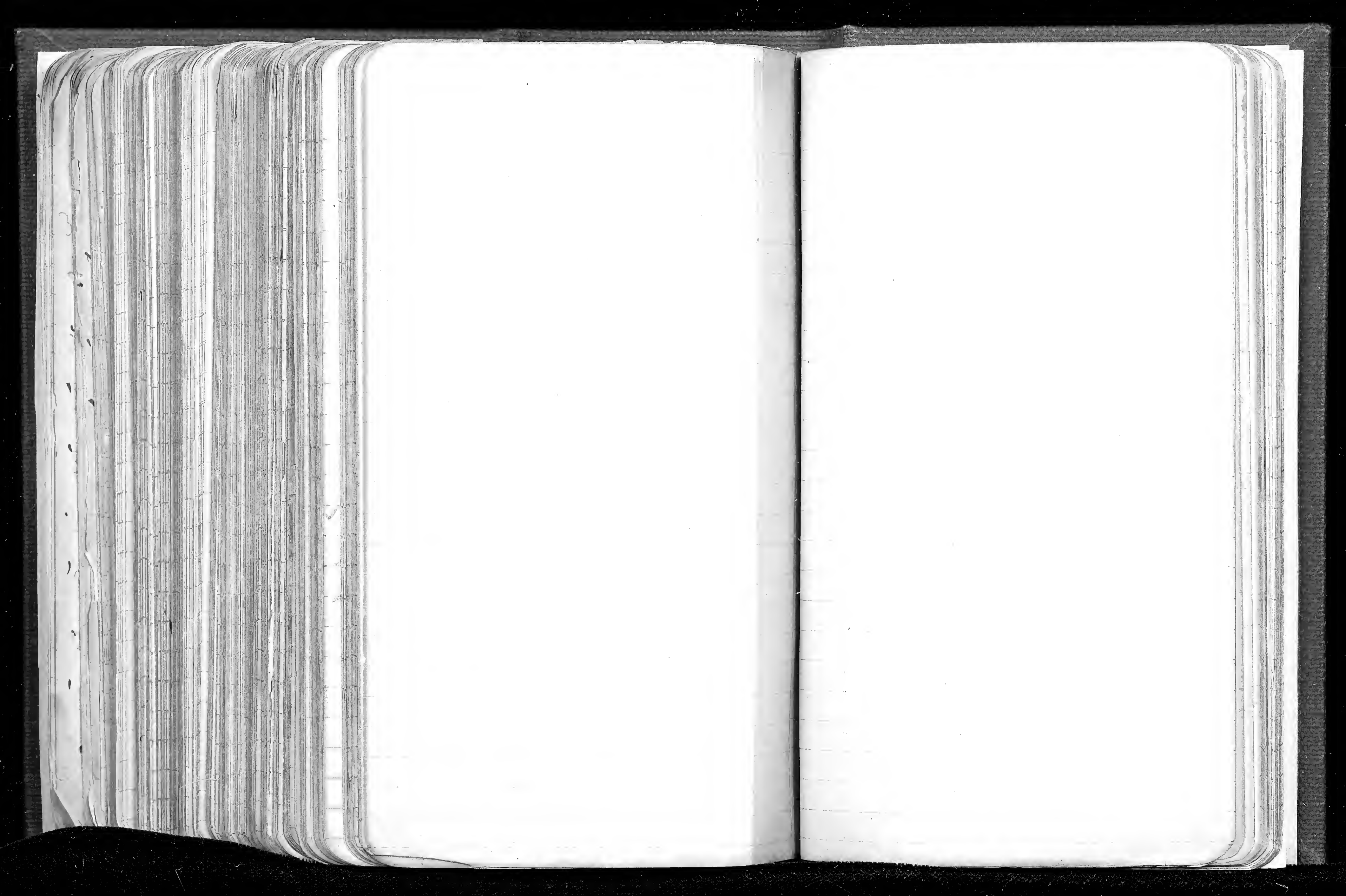
Paspalum distachnum  
7-2-1 Pasp. distachnum  
Along ditch

7-2-2 Pasp. distachnum  
Along ditch

7-2-3 Pasp. distachnum  
Along ditch

7-5-64 Chlamydomonas  
A small pond  
= 7-5-65







- 6739 *Trachypogon*  
 6740 *Muhlenbergia*  
 6741 *Stachytarpheta*  
 6743 *Trachypogon*  
 6744 *Panicum*  
 6746 *Bouteloua*  
 6750 *Bouteloua*  
 6677 *Paspalum*  
 6617 *Paspalum*



52	Admission Re.	1.50
53-54	...	4.62
54	Guadalupe	1.18
5-5	Agua Caliente	1.08
56	Dinner	.75

A. Hatcher  
 St. Agnes  
 Washington  
 D.C.  
 U.S.A.

1910  
 Book 4



Trinidad, Oct. 6  
6200 ft

756 *Leucaena* *crispata*  
in wadi of ditch  
leaves in the same  
as the one before

757 *Leucaena* *crispata*  
in wadi of ditch

758 *Spergularia* *parviflora*  
Lapl. *gemma*  
in wadi of ditch

759 *Phaseolus* *distichus*  
in wadi of ditch

760 *Phaseolus* *distichus*  
in wadi of ditch  
leaves in the same  
as the one before

761 *Hemiphragma* *hemiphragma*  
in wadi of ditch  
leaves in the same  
as the one before

762 *Phaseolus* *distichus*  
in wadi of ditch  
leaves in the same  
as the one before



along the shore line  
R. ... Dry ...

7572 *Mentzelia* ...

7573 *Chenopodium* ...

7574 *Bouteloua* ...

7575 *Cenchrus* ...

7576 *Brachiaria* ...

6  
This seems to be  
from the ...  
B. ...  
short ...  
some ...

7577 *Paspalum* <sup>*diversicollis*</sup> ...

7578 *Paspalum pubiflorum* ...

7579 *Dactyloctenium* ...  
1 Along road

7580 *Salicornia* ...

7581 *Arthrocnemum* ...

7582 *Salicornia* ...

7583 *Arthrocnemum* ...

7584 *Arthrocnemum* ...

7585 *Arthrocnemum* ...

7586 *Arthrocnemum* ...

7587 *Arthrocnemum* ...

7588 *Arthrocnemum* ...

7589 *Arthrocnemum* ...

7590 *Arthrocnemum* ...



7591 *Panicum*  
11 *Panicum*

7592 *Aspalathus*  
8 *Aspalathus*

7593 *Chorizanthe*  
1 *Chorizanthe*

7594 *Stemodia*  
3 *Stemodia*

7595 *Andropogon*  
2 *Andropogon*

7597 *Eragrostis*  
1 *Eragrostis*

7598 *Andropogon*  
3 *Andropogon*

7600 *Andropogon*  
3 *Andropogon*

7601 *Bouteloua*  
1 *Bouteloua*

7602 *Andropogon*  
1 *Andropogon*

Same as 7577

7603 *Panicum*  
1 *Panicum*

7604 *Panicum*  
2 *Panicum*

7605 *Andropogon*  
1 *Andropogon*

7606 *Andropogon*  
2 *Andropogon*

7607 *Eragrostis*  
1 *Eragrostis*

7610 *Bouteloua*  
1 *Bouteloua*

7611 *Andropogon*  
2 *Andropogon*

7612 *Andropogon*  
1 *Andropogon*



7613 *Andropogon scoparius* (var. *palmeri*)  
1

Common in  
open fields  
The glaucous leaves  
are also common  
here. In wet places  
they are more common

7614 *Linum catharticum*  
2

7615 *Epipactis atrorubens*  
6

7616 *Echinops pinnatifidus*  
2

7617 *Brickellia*  
1

7618 *Panicum*  
1

7619 *Brickellia*  
1

7620 *Brickellia*  
1

7621 *Brickellia*  
2

7622 *Brickellia*  
3

7623 *Brickellia*  
1

7624 *Brickellia*  
2

7625 *Brickellia*  
1



76 1 *Trachypogon*

76 2 *Portulaca*

76 3 *Portulaca*

76 4 *Portulaca*

76 5 *Portulaca*

76 6 *Portulaca*

76 7 *Portulaca*

76 8 *Portulaca*

76 9 *Portulaca*

76 10 *Portulaca*

76 11 *Portulaca*

76 12 *Portulaca*

76 1 *Muhlenbergia*

76 2 *Pappophorum*

76 3 *Muhlenbergia*

76 4 *Muhlenbergia*

76 5 *Muhlenbergia*

76 6 *Muhlenbergia*

76 7 *Muhlenbergia*

76 8 *Muhlenbergia*

76 9 *Muhlenbergia*

76 10 *Muhlenbergia*

76 11 *Muhlenbergia*

76 12 *Muhlenbergia*

76 1 *Muhlenbergia*

76 2 *Muhlenbergia*

76 3 *Muhlenbergia*

76 4 *Muhlenbergia*

76 5 *Muhlenbergia*

76 6 *Muhlenbergia*

76 7 *Muhlenbergia*

76 8 *Muhlenbergia*

76 9 *Muhlenbergia*

76 10 *Muhlenbergia*

76 11 *Muhlenbergia*

76 12 *Muhlenbergia*



Oct 7

7476 *Stenactis*  
1

7477 *Stenactis*  
1

7478 *Dipsacum*  
3

7479 *Aristida*  
6

7480 *Andropogon*  
2

7481 *Stenactis*  
2

7482 *Thurberia* (Epilobium)  
3

Oct 9

7483 *Thurberia*  
3

7484 *Thurberia*  
1

7485 *Thurberia*  
1

7486 *Thurberia*  
1

7487 *Thurberia*  
1

7488 *Thurberia*  
2

7489 *Thurberia*  
1

7490 *Thurberia*  
1







7673 Muhlenbergia flaccidifolia  
3 Early Oct  
Annual, common

7674 Muhlenbergia flaccidifolia  
1 Rocky, from woods  
Annual, common

7675 Agropyron repens  
2 St. Joseph  
Annual, from woods

7676 Trisetum filifolium  
1 Rocky, from woods  
Annual, common

7677 Stipa virginica  
3 Rocky, from woods  
Annual, common

7678 Sorghastrum nutans  
4 Rocky, from woods  
Annual, common

7679 Sporobolus vaginatus  
Rocky, from woods  
Annual, common

Agropyron repens  
7680 Rocky, from woods  
Annual, common

7681 Stipa virginica  
5 Rocky, from woods  
Annual, common

7682 Trisetum filifolium  
6 Rocky, from woods  
Annual, common

7683 Stipa virginica  
5 Rocky, from woods  
Annual, common

7684 Stipa virginica  
4 Rocky, from woods  
Annual, common

7685 Sorghastrum nutans  
3 Rocky, from woods  
Annual, common

7686 Epipactis atrorubens  
5 Rocky, from woods  
Annual, common



7667 *Muhlenbergia*

Rocky

7668 *Desmodium illinoense*  
Along R.

7669 *Desmodium illinoense*  
Along R.

7690 *Desmodium illinoense*  
Along R. - 2000 ft.

7691 *Chaetochloa*  
Along R.

7692 *Agropyron*  
Along R.

7693 *Muhlenbergia*  
Along R.

7693 *Muhlenbergia*

7694 *Hordeum*  
Along R.

7695 *Syntherisma sanguinalis*  
Along R.

7669

Along R.

7670

Along R.

7671

Along R.

7672

Along R.

7673

Along R.

7674

Along large boulders

7675

Rocky - post flower.

7676

Along R.

7677

Along R.



7705 *Agrostis*  
along stream & ravine

7706 *Agrostis*  
along stream  
Rocky, common

7707 *Agrostis*  
along wet stream

7708 *Poa*  
Rocky stream  
Park, wet, common

7709 *Aristida*  
flat, gravelly  
in rocky stream

7710 *Aristida*  
flat gravel bottom  
of rocky stream

7711 *Agropyron*  
Rocky stream

7730 *Aristida*  
along stream

*Sphenopholis obtusata*  
along stream

7712 *Agrostis*  
along stream

7713 *Agrostis*  
Rock, hill, level  
ditto 7667 but named

7714 *Agrostis*  
Rocky hill, probably  
same as 7672 but  
in larger bunches

7715 *Agrostis*  
flat gravel bottom  
of stream

7717 *Aristida*  
gravel flat, bottom  
of stream, compare  
with 7707.

7718 *Poa*  
along stream



Bolonia

7719 *Tricus*  
1 along by

Near Coale

7720 *Tricus*  
by by

7721 *Tricus*  
by by

Tricus

7722 *Tricus*  
along by 76

Alarus

7723 *Sperid*  
along by

Zareon Oct 10  
3800 ft

7722 *Chloropis*  
along dry ditch  
glens, cactus, etc.  
on dry ditch

7723 *Chloropis*  
along ditch  
see narrow for one

7724 *Chloropis*  
along ditch

7727 *Sperid*  
along dry ditch

7728 *Chloropis*  
along dry ditch

7729 *Lophol farinosa*  
along ditch

7730 off 7711] *Arctida*  
*Arctida*



Chihuahua  
7731 *Mura* 13  
Chlorin 7000 ft

Along Ry

7732 *S. nod.*  
Along Ry

7733 *Eragrostis*  
Along dry run

7734 *Panicum*  
Dry run

7735 *Paspalum*  
Along run

7736 *Portulaca* *divaricata*  
Along run

7737 *Andropogon* *barbatus*  
Along run

7738 *Eragrostis*  
Along Ry

7739 *Portulaca*  
Rocky run

7740 *M. ...*  
Rocky run

7741 *T. ...*  
Mesquite

7742 *Al. ...*  
Rocky butte

7743 *M. ...*  
Rocky butte

7744 *A. ...*  
Rocky butte

7745 *Ch. ...*  
Rocky butte

7746 *Eragrostis*  
Mesquite

7747 *Portulaca*  
Mesquite



7777 *Muhlenbergia*  
mesa

7778 *Sparganium*  
Dry run

7779 *Epilobium*  
Dry run  
Low, diffuse

7780 *Epilobium*  
mesa

7781 *Panicum*  
mesa

7782 *Arctostaphylos*  
mesa

7783 *Arctostaphylos*  
along Ry

7784 *Arctostaphylos*  
mesa

7785 *Arctostaphylos*  
mesa

7786 *Panicum*  
mesa

7787 *Panicum*  
mesa

7788 *Arctostaphylos*  
mesa

7789 *Arctostaphylos*  
mesa

7790 *Arctostaphylos*  
mesa

7791 *Arctostaphylos*  
mesa

7792 *Arctostaphylos*  
mesa



7765 *Aristida schottii*  
 Ariz. desert  
 Rock, full

7766 *Aristida schottii*  
 Ariz. desert  
 Rock, full

7767 *Prosopis juliflora*  
 10 Along bank  
 Annual

7768 *Prosopis juliflora*  
 Along bank  
 Annual in sand dunes

7769 *Sporobolus*  
 10 Along sand dunes  
 dry run, annual

7770 *Prosopis juliflora*  
 10 Along bank  
 Annual

7771 *Prosopis juliflora*  
 8 Rock, full

Yuma, Oct 13  
 4600 ft

7772 *Eriogonum*  
 1 Along agave desert

7773 *Eriogonum*  
 1 Along agave desert

7774 *Panicum*  
 5 Along edge of field

7775 *Eriogonum*  
 1 Along dry run

7776 *Eriogonum*  
 1 Along dry run, annual

7777 *Eriogonum*  
 1 Edge of field, perennial

7778 *Eriogonum*  
 1 Along dry run

7779 *Eriogonum*  
 1 Along dry run



97778 *Encelia*

Along dry run

97779 *Muhlenbergia*  
Along dry run

97780 *Echinops*  
Defensive

97781 *Lept. nesc.*  
Defensive

*Front. ...*  
Nessa

97782 *Sporobolus*  
Dry hill

97783 *Muhlenbergia*  
Dry hill

97785 *Arundo donax*  
Rocky hill

977 *Reich. hill*

977 *Muhlenbergia*  
Cleft of rock on  
side of gorge

978 *Camphorospha*  
Wet soil field

979 *Opuntia*  
Rocky hill

9770 *Encelia (fem.)*  
Rocky hill

9771 *Valer. ...*  
Rocky hill

9772 *Sedum*  
Rocky hill

9773 *Encelia*  
Rocky hill



7794 *Bouteloua curtipendula*  
Rocky hill

7795 *Bouteloua curtipendula*  
Rocky hill

7796 *Quercus laevis*  
Rocky hill

7797 *Bouteloua curtipendula*  
Rocky hill

7798 *Quercus laevis*  
Rocky hill [unclear]

7799 *Bouteloua curtipendula*  
Rocky hill

7800 *Bouteloua curtipendula*  
Rocky hill

7801 *Bouteloua curtipendula*  
Mesa

7802 *Bouteloua curtipendula*  
Mesa

7803 *Bouteloua curtipendula*  
Dry bank of river

El Paso Oct 15

*Bouteloua curtipendula*  
On mesa in young growth

7804 *Bouteloua curtipendula*

7805 *Bouteloua curtipendula*

7806 *Spartan. stricta*

7807 *Spartan. glauca*

7808 *Edmon. color.*

7809 *Valer. Saech*

7810 *Antilla*

7811 *Antilla*

7812 *Muhl. forsteri*



7613 *Amorpha* ~~canadensis~~

7614 *Benthamia*

7615 *Panicum* ~~canadense~~

7616 *Panicum* ~~canadense~~

7617 *Panicum* ~~canadense~~

7618 *Panicum* ~~canadense~~

7619 *Chloris* ~~claytonii~~  
*claytonii*

7620 *Sporobolus* ~~compressus~~  
*compressus*

7621 *Sporobolus* ~~compressus~~  
*compressus*

7622 *Trisetum* ~~canadense~~  
*canadense*

7623 *Panicum* ~~canadense~~  
*canadense*

7624 *Lept. can.*  
*along street*

7625 *Chloris* ~~claytonii~~  
*claytonii*

7626 *Sporobolus* (wrightii?)  
*Mesa*

7627 *Sporobolus* ~~wrightii~~  
*Mesa*

McFarland Falls  
Oct. 17.

7628 *Sporobolus* ~~compressus~~  
*compressus*

7629 *Trisetum* ~~canadense~~  
*along field*

7630 *Chloris*  
*Panicum*

7631 *Muhlenbergia*  
*along edge of field*



7632 *Muhlenbergia*  
Woods along  
stream

7633 *Aeluropus* female  
Prairie

7634 *Eragrostis*  
Prairie

Mexico City, Dist. J. M.

7635 *Panicum* seedling  
near Chapultepec castle  
Sept.

7636 *Chenopodium* a. *quadrifidum*  
Prairie

7637 *Stipa* *sp.*  
Prairie

7638 *Muhlenbergia*  
Prairie

7639

7640 *Cenchrus pallidus*  
[et] edge of field, low  
moist ground,  
Balas Sept 9, 1910

7641 *Bouteloua bromioides*  
near Chapultepec castle  
Mex. city. F. H. H. Sept



